BAXENDALE

& COMPANY LIMITED

PLUMBING
AND
SANITARY
CATALOGUE

WE regret that at the date of publication of this catalogue it has been found impossible to include a price list because of the constantly fluctuating costs of commodities.

We hope, nevertheless, that the contents will be a valuable source of information, and it is our intention to publish a price list as soon as this is practicable.

Baxendale and Co. Limited

4 x 1

BAXENDALE & CO. LTD.

Catalogue No. 561

BAXENDALE & CO. LTD.

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ACCOUNTS. Unless a ledger account has been arranged, a remittance to cover cost of goods and also packages should accompany each order.

PRICES are subject to alteration **without notice and to our acceptance upon** receipt of order.

THIS CATALOGUE cancels all previous issues.

BAXENDALE & CO. LTD.

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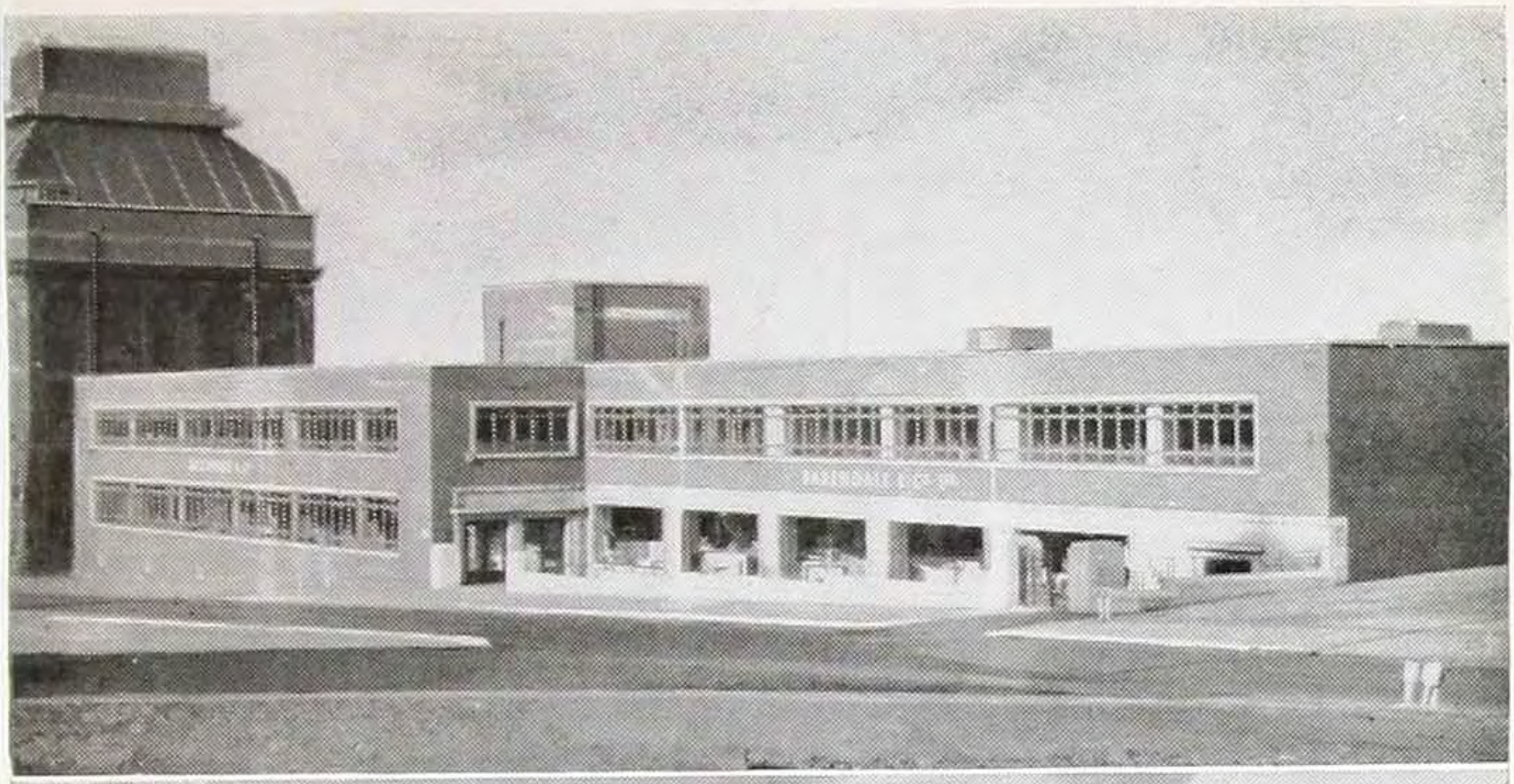
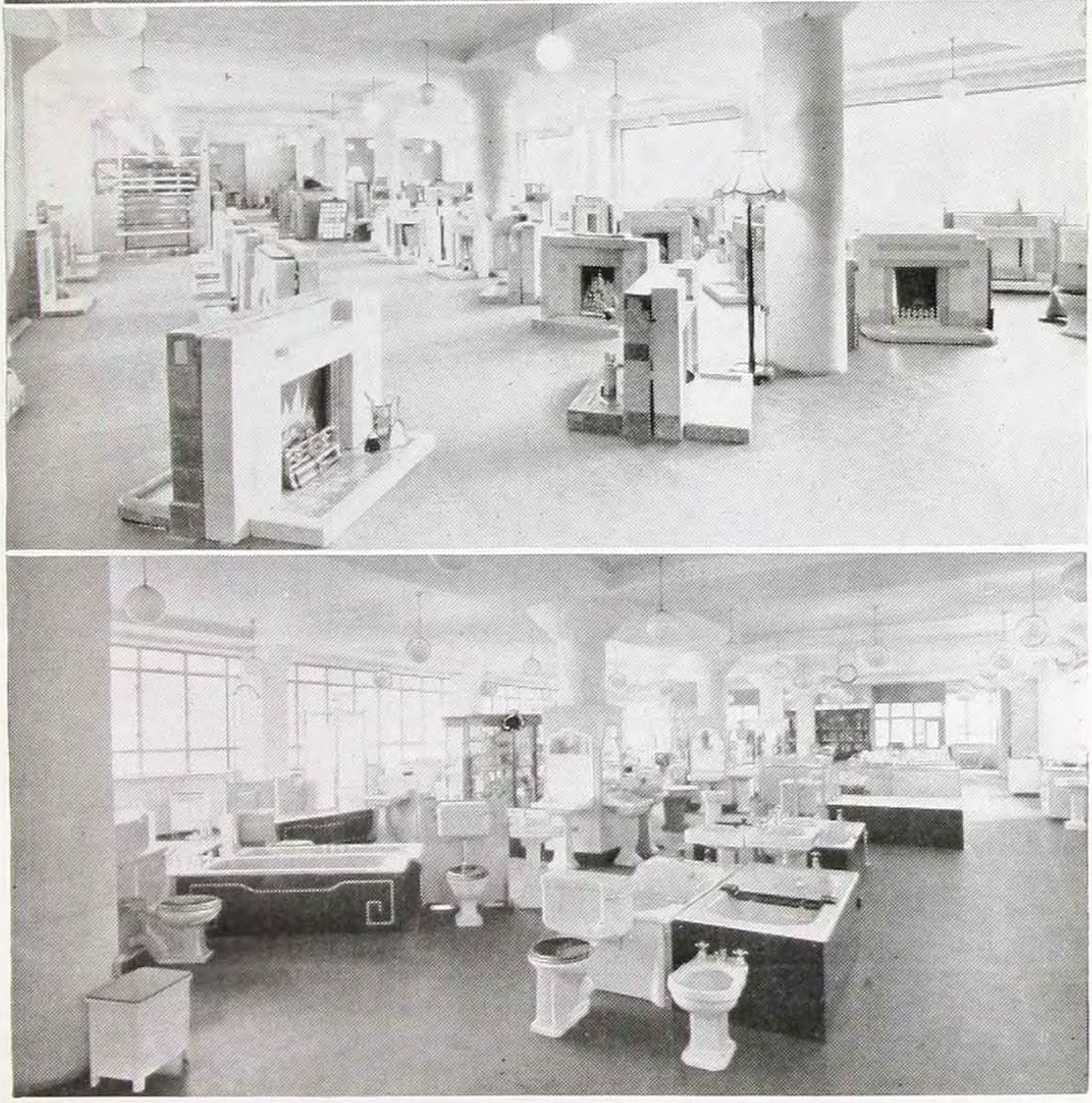




Miller Street Warehouse and Views in our Showrooms.

LIVERPOOL·EDINBURGH·DUBLIN

PLATE No. B 6317

OUR illustration shows a bathroom suite of superlative quality and ultra-modern style, comprising the No. B6325 Neo Classic bath with a concealed fitting to supply plunge and shower and including a plate-glass hinged screen with chromium-plated frame. The No. B6326 Neoline vitreous china pedestal lavatory basin with chromium-plated hot and cold supply fitting of special design, the No. B6327 Neolux Toilet Suite with plastic seat and cover and the No. B6328 Neo Spray Bidet with chromium-plated supply fittings for rim and spray complete this delightful Bathroom.

This bathroom suite is available in white, corallin pink, ming green, ivoire-de-medici, claire-de-lune blue, and pearl grey.

PLATE No. B 6318

THE application of Vitrolite Glass for bathroom walls is clearly shown in the above illustration. The sanitary fittings illustrated comprise the No. B6329 " Adapto " bath in porcelain-enamelled cast-iron with chromium-plated hot and cold wall supply fitting, and above the bath is fitted an oblong soap holder in vitreous china. The lavatory basin is the No. B6330 " Surrey " type in vitreous china with pedestal and chromium-plated mixer fitting with single supply nozzle. The towel rail just in view is the No. B5019 pattern with 1¼ in. chromium-plated round tubes, suitable angle-control valve and union. Mirrors, plate glass shelves made to customer's own designs, and also vitrolite glass in various colours for bathroom walls can be supplied by our Glass Department. **The Sanitary Ware illustrated above is available in white, corallin pink, ming green, ivoire-de-medici, claire-de-lune blue, and pearl grey.**

COLOURED SANITARY WARE

No. B 6325 NEO-CLASSIC BATH

A porcelain-enamelled cast-iron one-piece apron bath for fitting in right or left hand corner, with tiling strip round the built-in edges and levelling strips beneath, complete with chromium-plated round design built-in fittings comprising $\frac{3}{4}$ in. valves with metal capstans, nozzle supply fitting, $1\frac{1}{2}$ in. lift-up waste and integral $1\frac{1}{4}$ in. overflow, waste outlet with $1\frac{1}{2}$ in. P-trap.

Inside Sizes			Overall Sizes		
Length	Width	Depth	Length	Width	Height
5 ft. $6\frac{1}{2}$ in.	$24\frac{1}{4}$ in.	17 in.	6 ft. $2\frac{1}{4}$ in.	$30\frac{1}{2}$ in.	18 in.

NOTE.—These dimensions are approximate and may vary to the extent of $\frac{1}{2}$ in.

No. B 6326 NEOLINE PEDESTAL LAVATORY BASIN

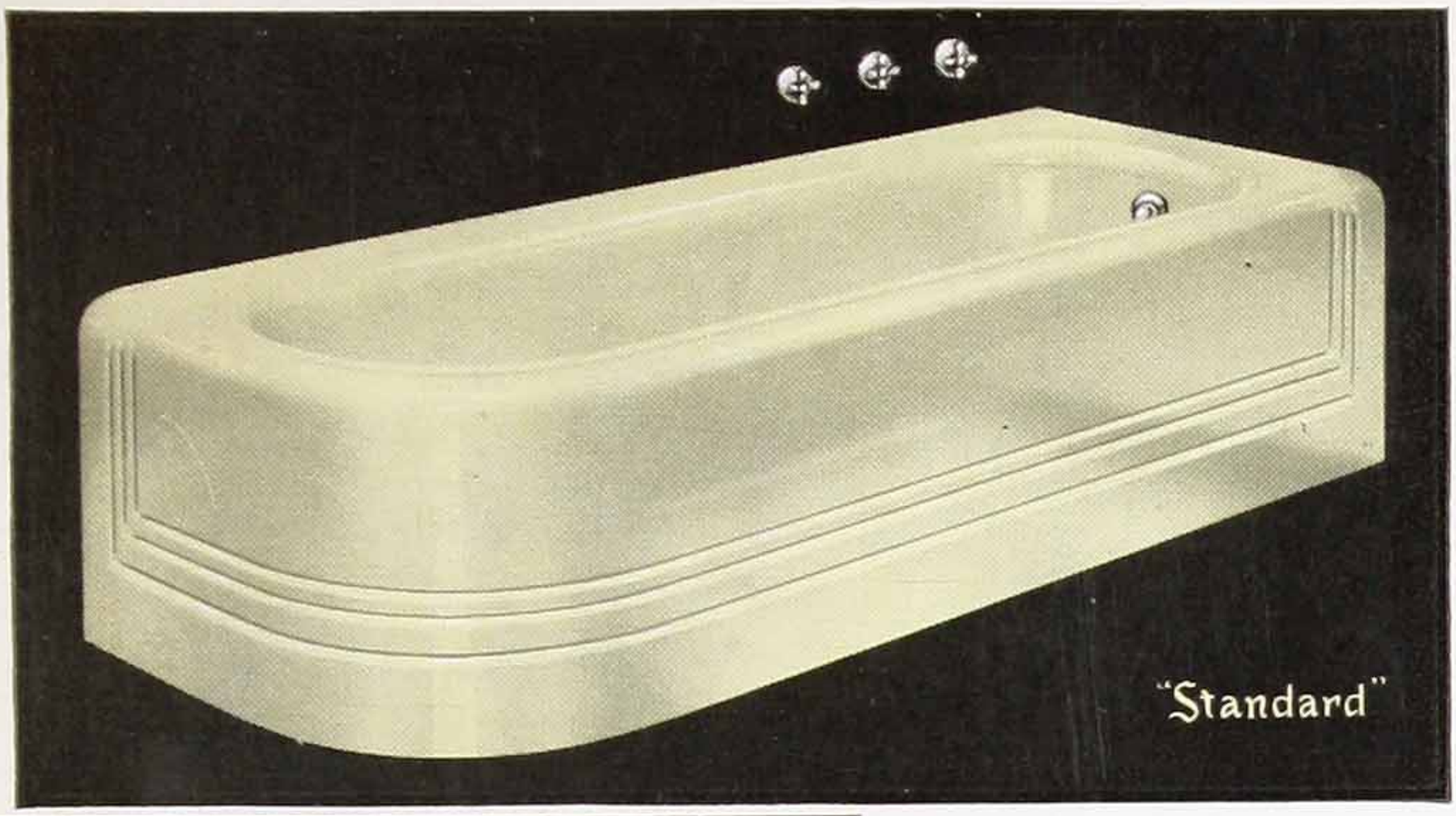
A flat-topped basin of generous proportions and modern design in best quality vitreous china ; $\frac{1}{2}$ in. chromium-plated Mastercraft design hexagonal hot and cold valves with centre supply nozzle and lift-up waste fitting ; outlet fitted with $1\frac{1}{4}$ union ; size 27 in. × 22 in.

No. B 6327 NEOLUX TOILET SUITE

Comprising 2, $2\frac{1}{2}$, or 3-gallon vitreous china cistern and cover, with special vitreous china valveless siphon fittings and chromium-plated lever action ; vitreous china siphonic basin with P-trap, plastic seat and cover to match ware ; pottery in white or colours. Height from floor level to top of cistern $31\frac{3}{4}$ in., projection $28\frac{5}{8}$ in. *The vitreous china siphonic basin can be supplied with a turned-down outgo to form an S-trap, if necessary.*

The above sanitary equipment is available in white and the following colours : **Corallin pink, ming green, ivoire-de-medici, claire-de-lune blue, and pearl grey.**

It will be noted that the bath is illustrated with round design fittings and the lavatory basin with hexagonal fittings. Either types are available for complete bathroom suites. When ordering, please specify which pattern is required.



This Bathroom Suite is illustrated in ivoire-de-medici.

No. B 6325
NEO-CLASSIC BATH

No. B 6326
NEOLINE PEDESTAL
LAVATORY BASIN

No. B 6327
NEOLUX TOILET SUITE

COLOURED SANITARY WARE

No. B 6253 THE BRAMHALL BATH

A modern cast-iron bath with long soap shelf and two chromium-plated hand grips and low front. Fitted with one front and one end cast-iron panels with chromium-plated corner and end pieces, all porcelain-enamelled in white or colours ; $\frac{3}{4}$ in. chromium-plated hot and cold pillar taps, $1\frac{1}{4}$ in. overflow and chain, $1\frac{1}{2}$ in. waste with trap and vulcanite plug.

Inside Sizes			Overall Sizes		
Length	Width	Depth	Length	Width	Height
5 ft. 6 in.	$22\frac{3}{4}$ in.	$17\frac{1}{2}$ in.	6 ft. 1 in.	$30\frac{3}{4}$ in.	20 in.
	or			*or*	
5 ft. 0 in.	$22\frac{3}{4}$ in.	$17\frac{1}{2}$ in.	5 ft. 6 in.	30 in.	20 in.

No. B 6323 PEDESTAL LAVATORY BASIN

Flat-topped design with slightly round front, in best quality white or coloured vitreous china, $\frac{1}{2}$ in. chromium-plated hot and cold pillar taps, pop-up waste fitting with $1\frac{1}{4}$ in. union ; sizes : 24 in. × 20 in., 27 in. × 22 in.

No. B 6324 TOILET SUITE

Comprising 2, $2\frac{1}{2}$, or 3-gallon vitreous china cistern and cover, with special siphon fittings and side lever action, vitreous china siphonic basin with P or S trap ; black plastic seat and cover ; pottery in white or colours.

Height from floor level to top of cistern $30\frac{1}{2}$ in.

Projection 2 gallon size 27 in., $2\frac{1}{2}$ gallon size $27\frac{1}{2}$ in., 3 gallon size $28\frac{1}{4}$ in.

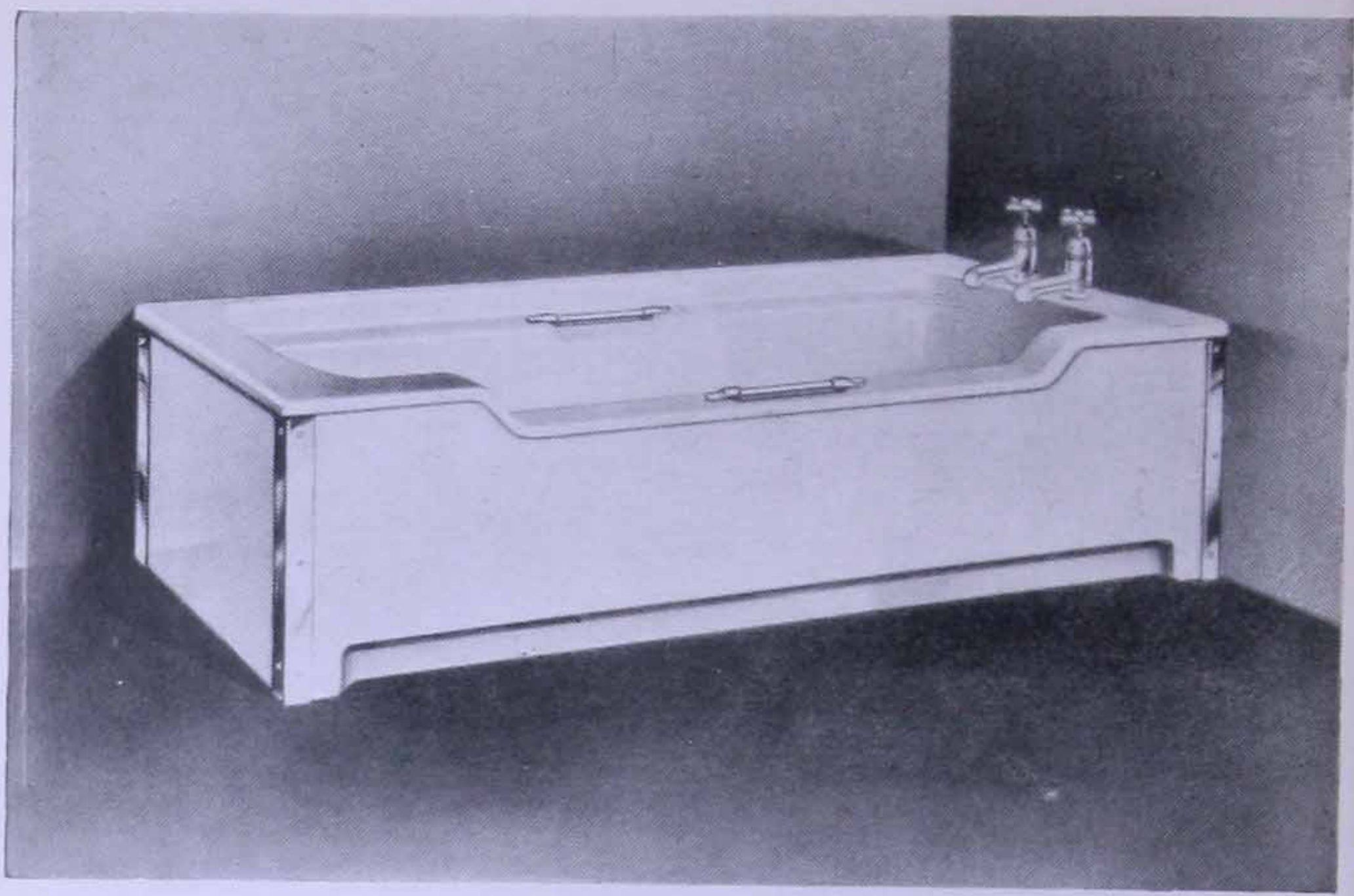
The above sanitary equipment is available in white and the following colours : Green, primrose, blue, ivory, turquoise, amber, and peach.

This Bathroom Suite is illustrated in turquoise.

No. B 6253
THE BRAMHALL BATH

No. B 6323
PEDESTAL LAVATORY BASIN

No. B 6324
TOILET SUITE



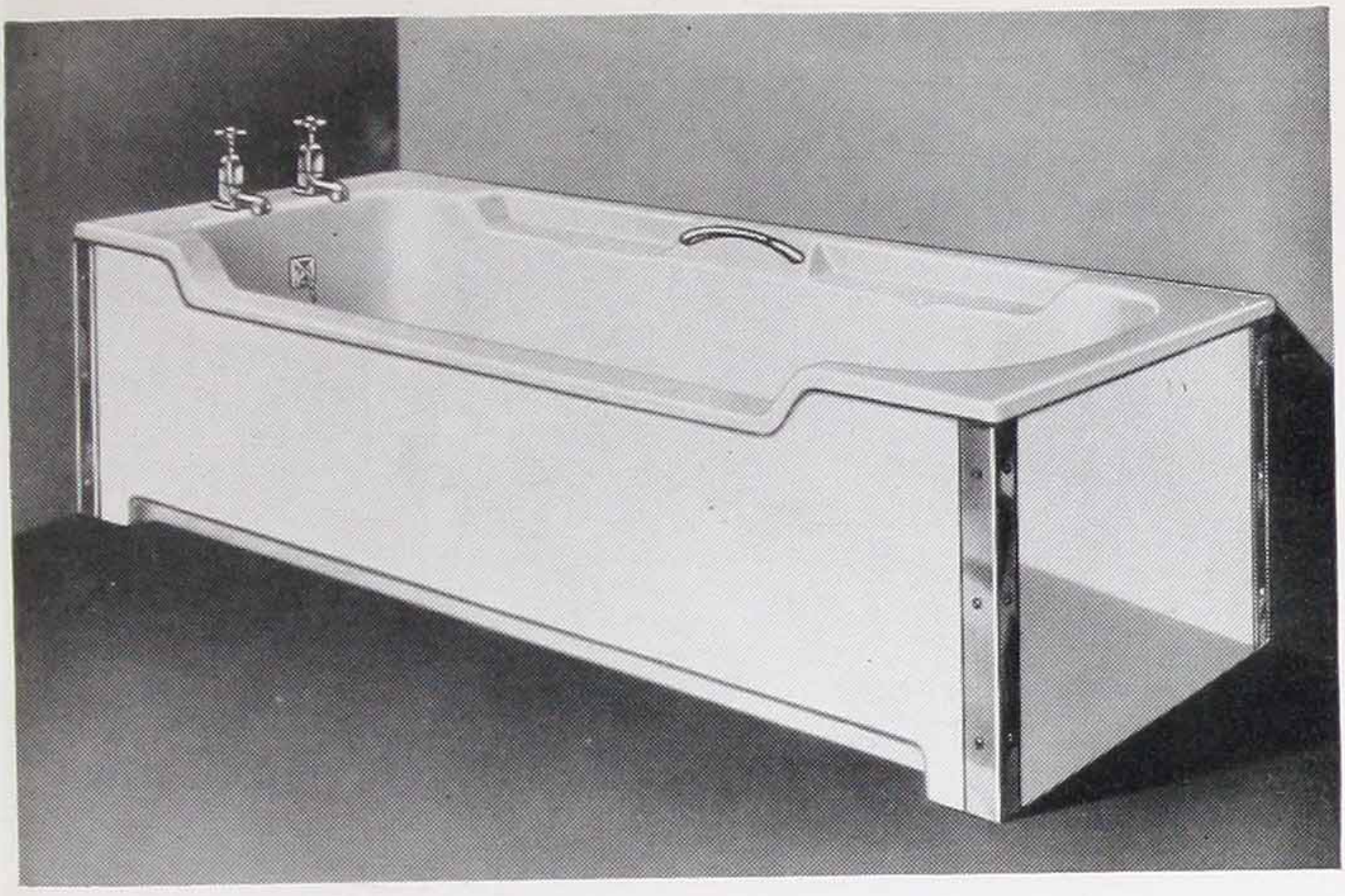
No. B 6250 THE HADRIAN BATH

A cast-iron bath of imposing appearance and large dimensions, complete with two chromium-plated hand grips, long shelf at back, and low front ; fitted with C.I. panels, all porcelain-enamelled in white or colours ; ¾ in. chromium-plated hot and cold pillar taps, 1¼ in. overflow and chain, 1½ in. waste with trap and vulcanite plug.

Inside Sizes			Overall Sizes		
Length	Width	Depth	Length	Width	Height
5 ft. 6 in.	23 in.	19 in.	6 ft. 3 in.	33 in.	21 in.

This bath can be supplied in the following colours : Jade green, blue, ivory, primrose, amber, turquoise, and pink.

Please refer to diagrams on page 26 when ordering Panel Baths.



No. B 6251 THE JULIAN-DE-LUXE BATH

An attractive cast-iron bath with two soap recesses, one chromium-plated hand grip, and low front, fitted with C.I. panels, incorporating toe recess ; all porcelain-enamelled in white or colours ; ¾ in. C.P. hot and cold round pillar taps, 1¼ in. overflow and chain, 1½ in. waste with trap and vulcanite plug.

Inside Sizes			Overall Sizes		
Length	Width	Depth	Length	Width	Height
5 ft. 6 in.	23 in.	19 in.	6 ft. 3 in.	30½ in.	21 in.

No. B 6252 THE JULIAN MINOR BATH

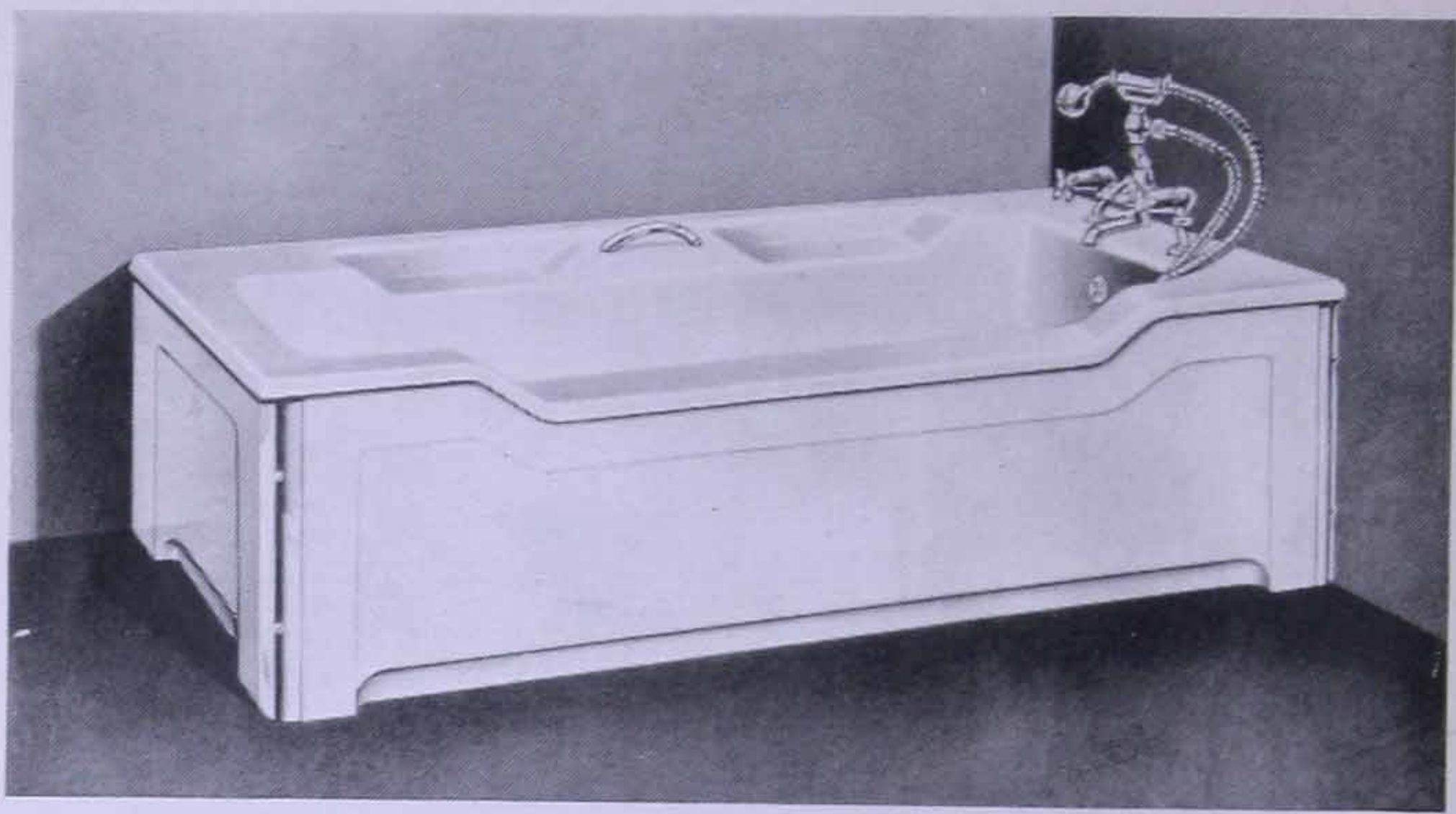
A cast-iron bath with all the attractive features of the Julian-de-Luxe and similar in appearance but more suitable for the modern smaller bathroom, with ¾ in. chromium-plated hot and cold round pillar taps, 1¼ in. overflow and chain, 1½ in. waste with trap and vulcanite plug.

Inside Sizes			Overall Sizes		
Length	Width	Depth	Length	Width	Height
5 ft. 0 in.	22 in.	18 in.	5 ft. 8 in.	28 in.	19½ in.,

The above baths can be supplied in the following colours : Jade green blue, ivory, primrose, amber, turquoise, and pink.

N.B. Square pattern pillar fittings can be supplied at an extra charge.

To preserve your bath's original lustre clean with Cellapuro.



No. B 6331 THE KENT BATH

A luxury bath combining generous dimensions and a very neat appearance, complete with one chromium-plated hand grip, two soap compartments ; fitted with porcelain-enamelled cast-iron panels having chromium-plated corner and end pieces ; ¾ in. chromium-plated smooth body hot and cold pillar mixer fitting with supply nozzle, hand spray, and chromium-plated support ; 1¼ in. overflow and chain, 1½ in. waste with trap and vulcanite plug.

Inside Sizes			Overall Sizes		
Length	Width	Depth	Length	Width	Height
4 ft. 11 in.	23½ in.	17½ in.	5 ft. 6 in.	31 in.	18½ in.

No. B 6332 THE KENT-DE-LUXE BATH

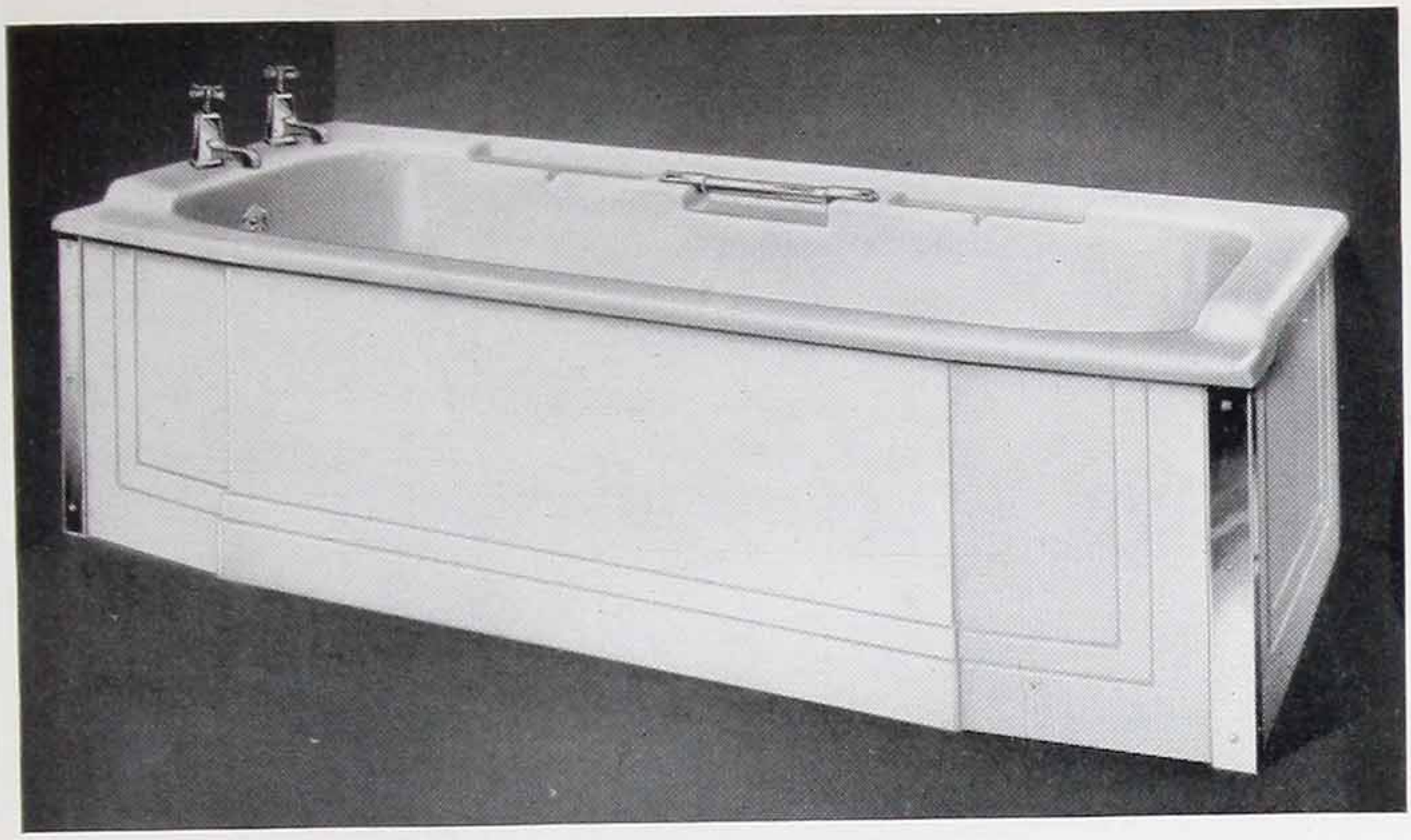
A luxury bath exactly similar to the above but of larger size.

Inside Sizes			Overall Sizes		
Length	Width	Depth	Length	Width	Height
5 ft. 5 in.	23½ in.	17½ in.	6 ft. 0 in.	31 in.	18½ in.

The above baths can be supplied porcelain-enamelled white and in the following colours : Jade green, blue, ivory, primrose, amber, turquoise, and pink.

NOTE.—Both the above baths can be supplied with ordinary chromium-plated smooth body hot and cold pillar taps. Please state which fittings are required, when ordering.

Please refer to diagrams on page 26 when ordering Panel Baths.



No. B 6333 THE GLEN DEVON BATH

A cast-iron bath on novel and attractive lines, complete with two soap recesses on the back rim and a chromium-plated hand grip ; fitted with cast-iron panels, chromium-plated corner and end pieces, ¾ in. chromium-plated round pattern pillar taps, 1¼ in. overflow and chain, 1½ in. waste with trap and vulcanite plug.

Inside Sizes			Overall Sizes		
Length	Width	Depth	Length	Width	Height
5 ft. 5½ in.	23 in.	17 in.	6 ft. 3 in.	31¾ in.	20¾ in.

No. B 6334 THE GLEN DEVON MINOR BATH

A luxury bath exactly similar to the above but of a size more suitable for the smaller bathroom.

Inside Sizes			Overall Sizes		
Length	Width	Depth	Length	Width	Height
5 ft. 0 in.	21½ in.	17 in.	5 ft. 7 in.	29 in.	20 in.

The above bath can be supplied in white—and the following colours : Primrose, green, blue, old ivory, turquoise and pink.

NOTE.—If square pattern taps are required as shown in our illustration, these will be extra.

To preserve your bath's original lustre clean with Cellapuro.

No. B 6335

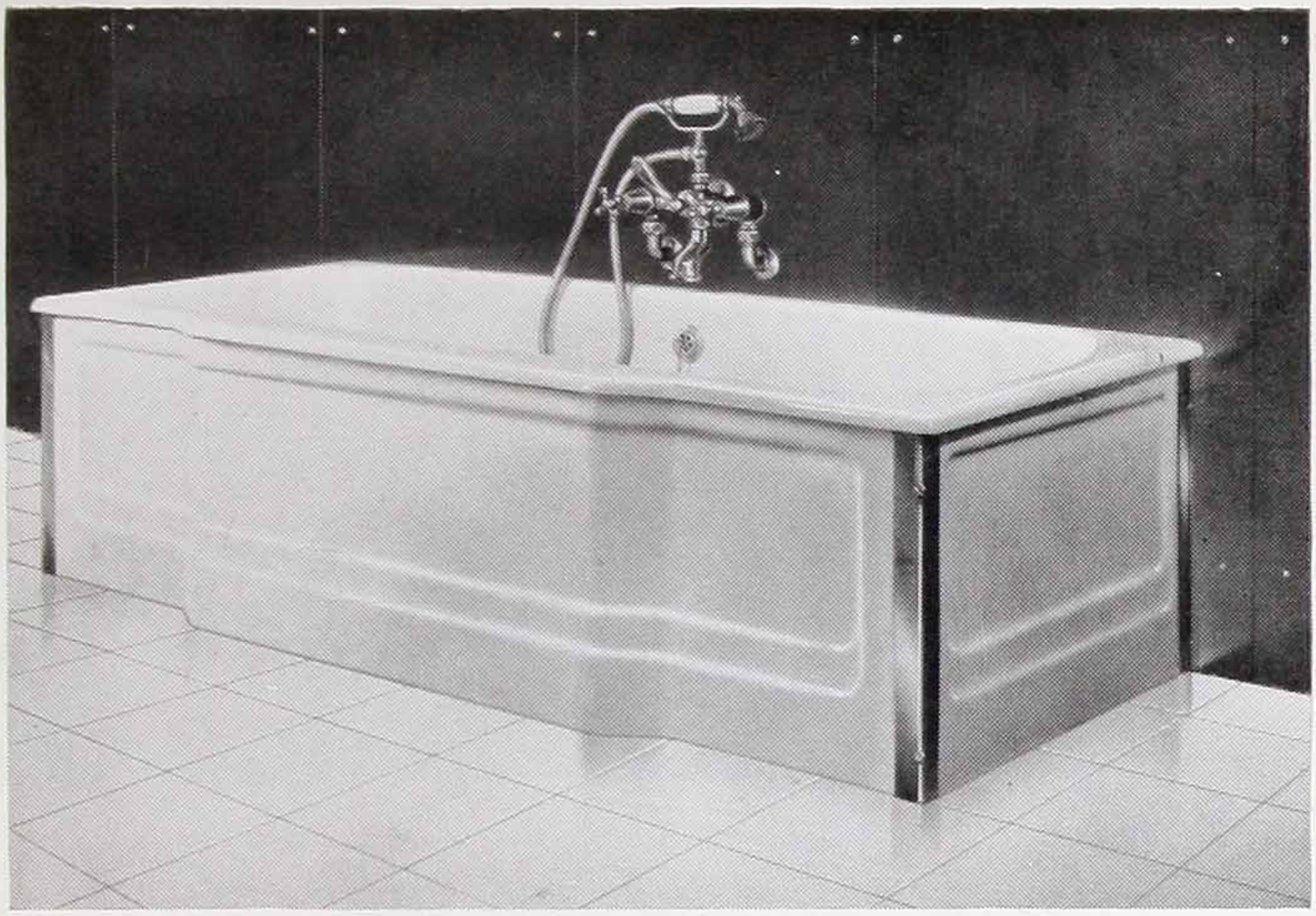
THE SAFETY BATH

A reasonably priced cast-iron bath with $2\frac{3}{4}$ in. flat rim, fitted with two chromium-plated hand grips recessed into either side ; fitted with one front and one end black vitrolite glass panels having chromium-plated corner and end pieces. $\frac{3}{4}$ in. chromium-plated hot and cold pillar taps, $1\frac{1}{4}$ in. overflow and chain, $1\frac{1}{2}$ in. waste with trap and vulcanite plug.

Inside Sizes			Overall Sizes		
Length	Width	Depth	Length	Width	Height
5 ft. 0 in.	$22\frac{1}{2}$ in.	$17\frac{1}{2}$ in.	5 ft. 6 in.	28 in.	$22\frac{1}{2}$ in.
5 ft. 6 in.	$22\frac{1}{2}$ in.	$17\frac{1}{2}$ in.	6 ft. 0 in.	28 in.	$22\frac{1}{2}$ in.

The above bath can be supplied porcelain-enamelled in white and in the following colours : Jade green, blue, ivory, primrose, turquoise, and pink.

Special prices quoted for quantities



No. B 6336 THE NILE BATH

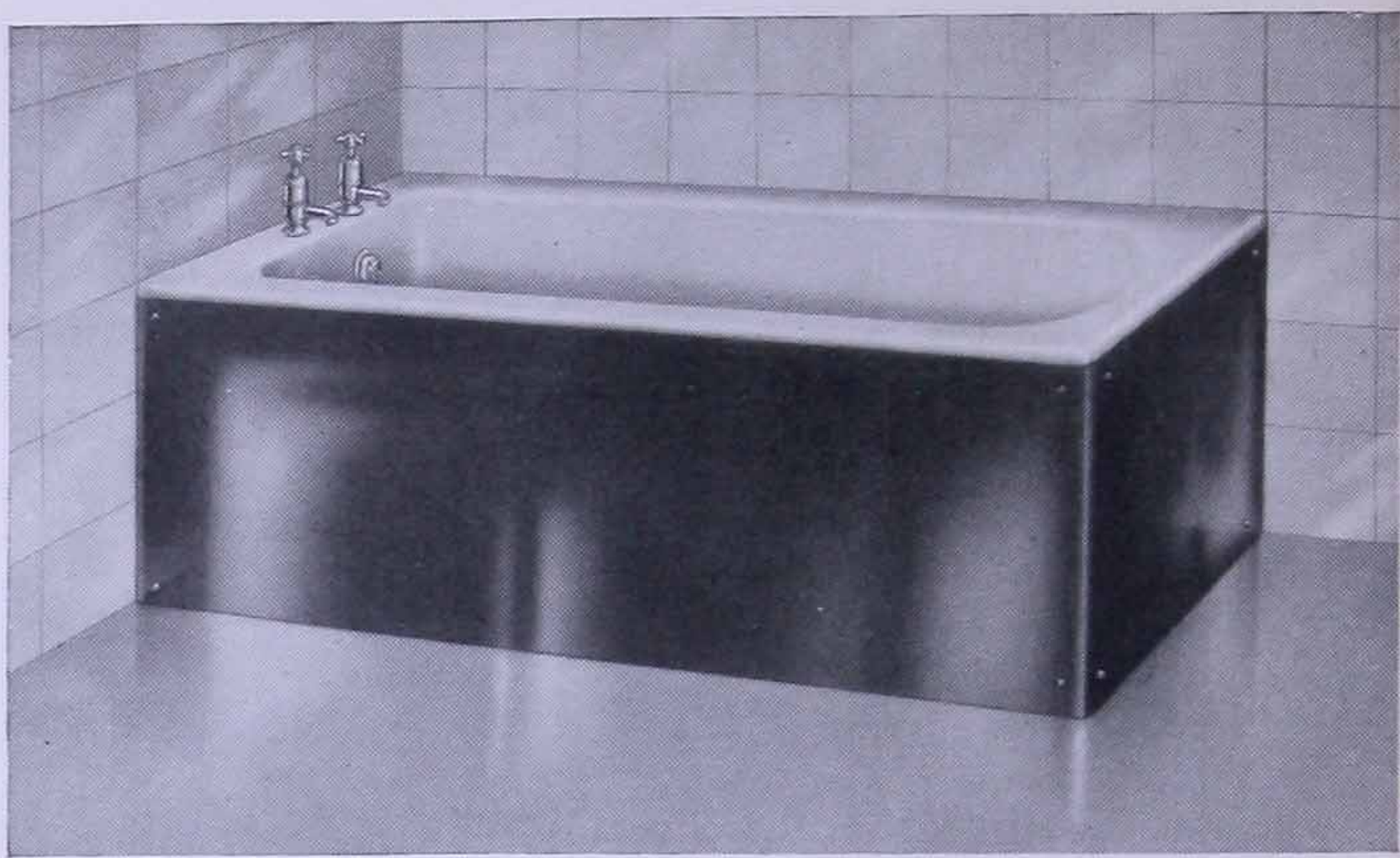
An equal ended cast-iron bath with centre outlet, porcelain-enamelled inside and on roll, with porcelain-enamelled cast-iron panels, chromium-plated corner and end pieces, waste and overflow holes only ; ¾ in. chromium-plated smooth body hot and cold wall supply fitting with centre supply nozzle, hand spray and chromium-plated rest ; 1¼ in. overflow and chain, 1½ in. waste with trap and vulcanite plug.

Inside Sizes			Overall Sizes		
Length	Width	Depth	Length	Width	Height
5 ft. 1 in.	23 in.	15 in.	5 ft. 6 in.	30 in.	17½ in.

The above bath can be supplied porcelain-enamelled white and in the following colours : Jade green, blue, ivory, primrose, amber, turquoise, and Pink.

NOTE.—A wall fitting of simpler design without a hand spray can be supplied if required.

Please refer to diagrams on page 26 when ordering Panel Baths.



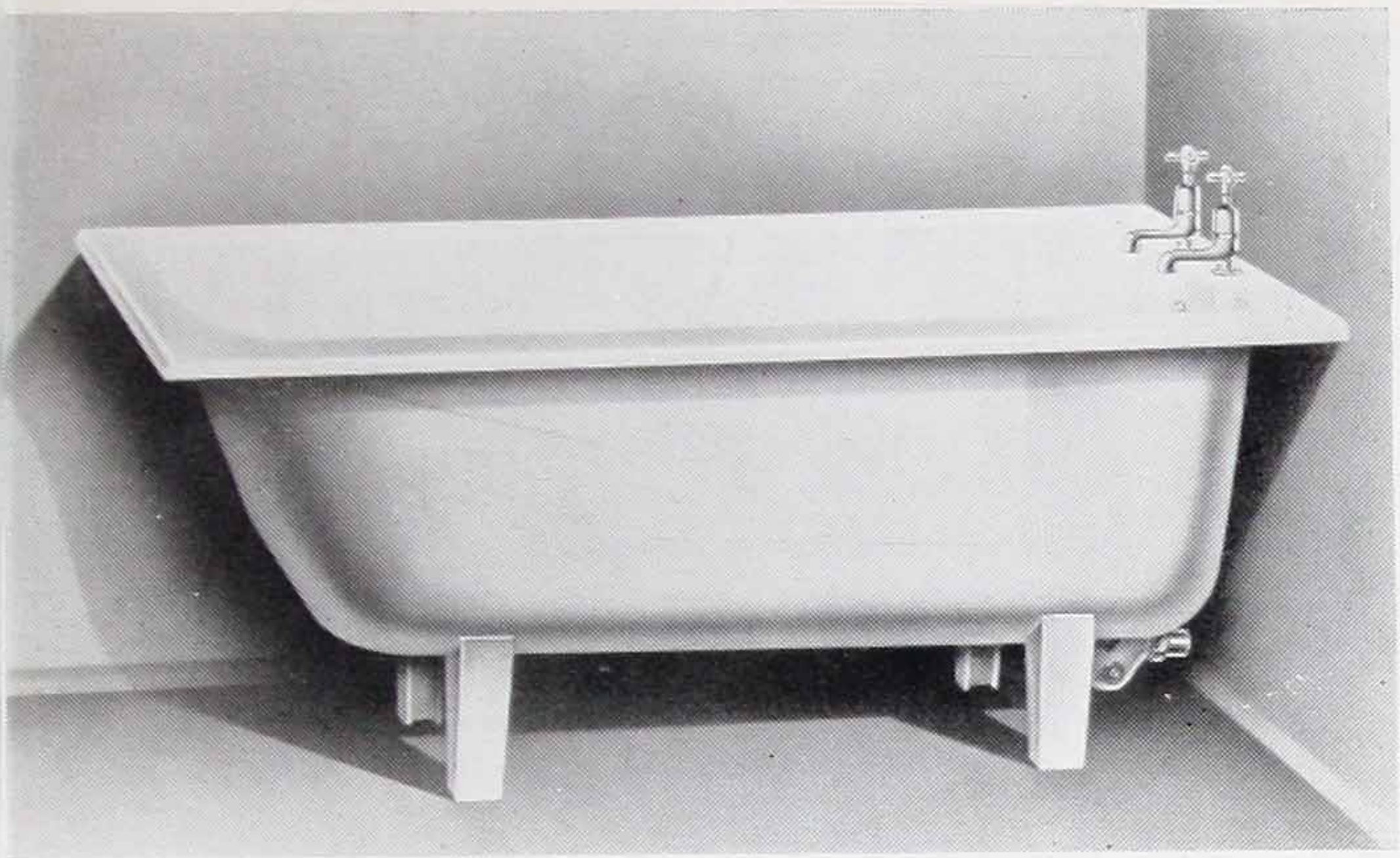
No. B 4313 THE MAGNA BATH

A porcelain-enamelled cast-iron bath with $2\frac{3}{4}$ in. flat rim, fitted with one front and one end black vitrolite glass panels, $\frac{3}{4}$ in. chromium-plated hot and cold pillar taps, $1\frac{1}{4}$ in. overflow and chain, $1\frac{1}{2}$ in. waste with trap and vulcanite plug.

Inside Sizes			Overall Sizes		
Length	Width	Depth	Length	Width	Height
5 ft. 0 in.	$22\frac{1}{2}$ in.	$17\frac{1}{2}$ in.	5 ft. 6 in.	28 in.	$22\frac{1}{2}$ in.
5 ft. 6 in.	$22\frac{1}{2}$ in.	$17\frac{1}{2}$ in.	6 ft. 0 in.	28 in.	$22\frac{1}{2}$ in.

The above bath can be supplied porcelain-enamelled white and in the following colours : Jade green, blue, ivory, primrose, amber, turquoise, and pink.

Special prices quoted for quantities



No. B 4315 THE ARCTIC BATH

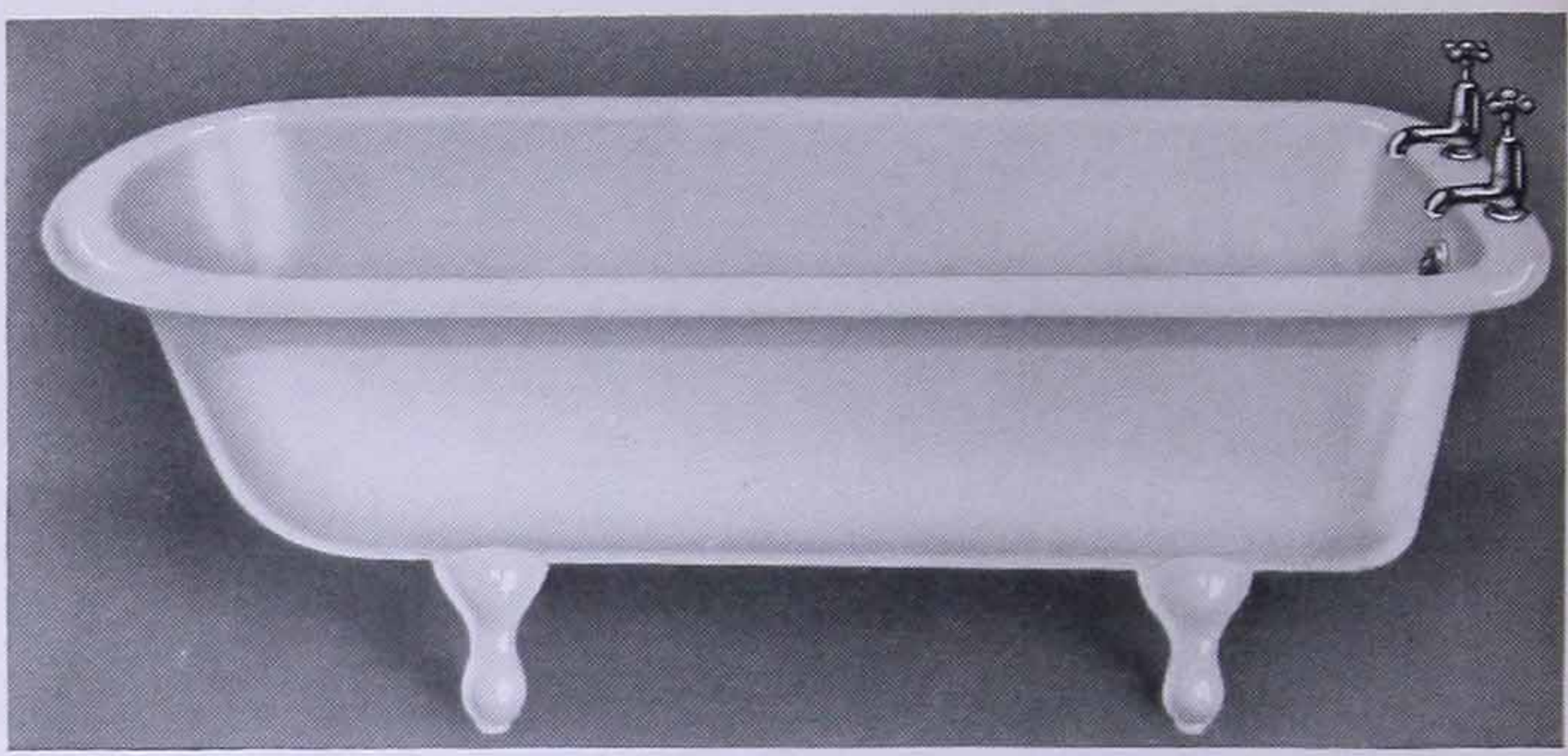
This rectangular topped cast-iron bath has been specially designed to suit bathrooms where space is limited and also as a water saver ; porcelain-enamelled inside and on rim, plain painted outside. Including ¾ in. chromium-plated smooth body hot and cold pillar taps, 1¼ in. overflow and chain, 1¼ in. waste with trap and vulcanite plug.

Inside Sizes			Overall Sizes		
Length	Width	Depth	Length	Width	Height
4 ft. 7½ in.	21 in.	17 in.	5 ft 1 in.	25 in.	22 in.

Suitable panels can be supplied for the above bath in plain asbestos, glazed hardboard, or vitrolite glass.

This bath can be supplied in white and the following colours : Jade green, blue, ivory, primrose, amber, turquoise, and pink.

Special prices quoted for quantities



ROLL EDGE BATHS

Cast-iron with parallel sides, white porcelain-enamelled inside and over roll, plain painted outside, with detachable feet. Fittings illustrated are $\frac{3}{4}$ in. chromium-plated hot and cold pillar valves, $1\frac{1}{4}$ in. overflow and chain, $1\frac{1}{4}$ in. waste with trapped connection and vulcanite plug.

DIMENSIONS :

Inside Sizes				Overall Sizes	
Length	Width	Depth	Roll	Length	Width
No. B 4305					
3 ft. 6 in.	23 in.	17 in.	3 in.	4 ft. 0 in.	29 in.
4 ft. 0 in.	23 in.	17 in.	3 in.	4 ft. 6 in.	29 in.
4 ft. 6 in.	23 in.	17 in.	3 in.	5 ft. 0 in.	29 in.
†5 ft. 0 in.	23 in.	17 in.	3 in.	5 ft. 6 in.	29 in.
†5 ft. 6 in.	23 in.	17 in.	3 in.	6 ft. 0 in.	29 in.
No. B 4306					
†5 ft. 0 in.	22 in.	17 in.	$2\frac{1}{2}$ in.	5 ft. 5 in.	27 in.
†5 ft. 6 in.	22 in.	17 in.	$2\frac{1}{2}$ in.	5 ft. 11 in.	27 in.
No. B 4307					
4 ft. 6 in.	22 in.	17 in.	2 in.	4 ft. 10 in.	26 in.
5 ft. 0 in.	22 in.	17 in.	2 in.	5 ft. 4 in.	26 in.
5 ft. 6 in.	22 in.	17 in.	2 in.	5 ft. 10 in.	26 in.

Baths marked † are supplied with flat roll and other patterns with round roll.

Special prices quoted for quantities

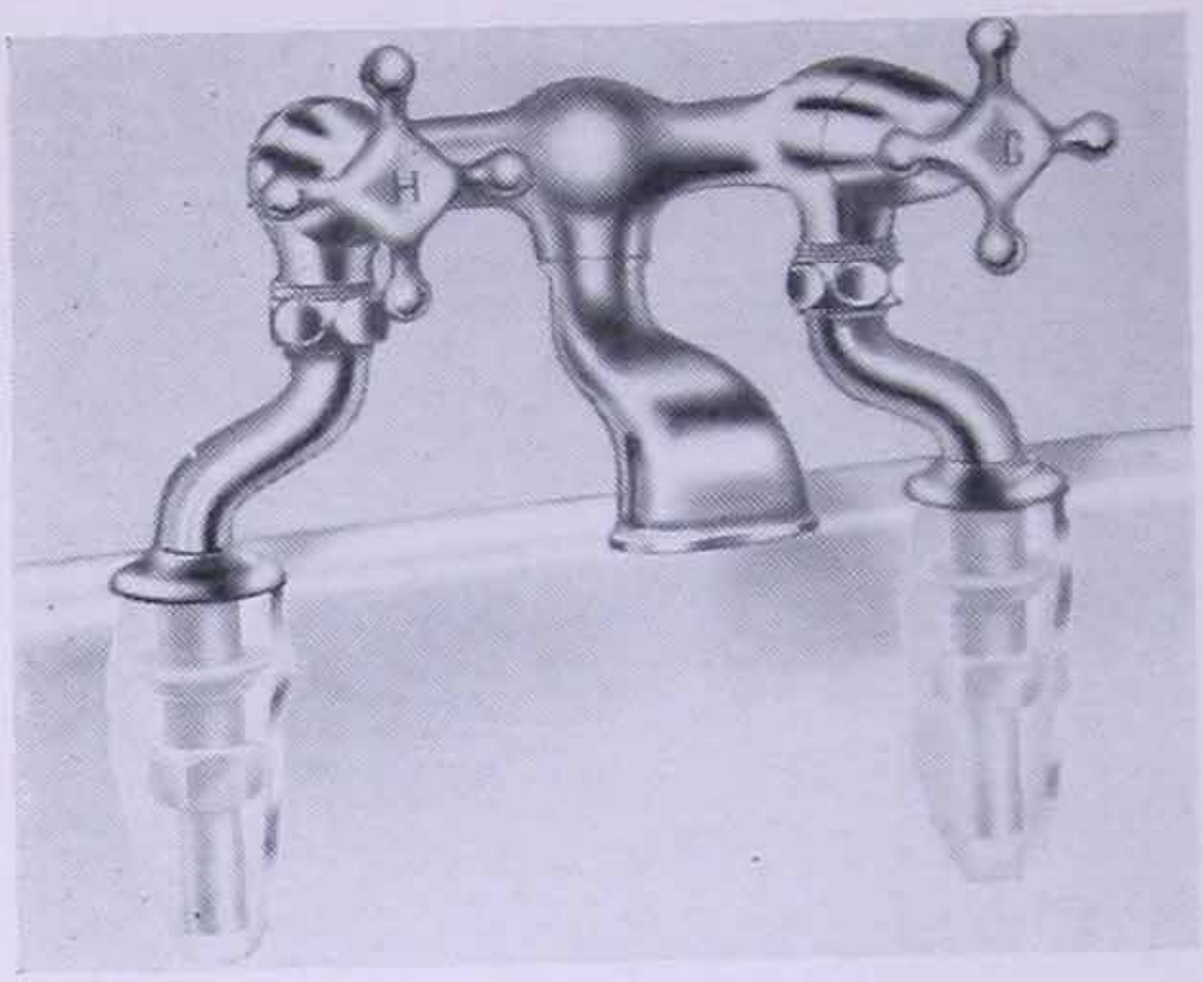
No. B 4317 SITTING BATH

The ideal bath for all circumstances where the utmost economy of space is necessary. Rectangular-topped with 2 in. rim, white porcelain-enamelled inside and over rim. ¾ in. chromium-plated smooth-body hot and cold pillar taps, 1¼ in. overflow and chain, 1¼ in. waste with trapped connection and vulcanite plug. (1½ in. waste extra.)

Inside Sizes				Overall Sizes		
Length	Width	Depth at foot end	Depth at seat end	Length	Width	Height
3 ft. 0½ in.	23¼ in.	24 in.	15½ in.	3 ft. 6½ in.	27½ in.	30 in.

Suitable panels in vitrolite glass or glazed hardboard can be supplied for this bath.

To preserve your bath's original lustre clean with Cellapuro.



No. B 4376

BATH SUPPLY FITTING

¾ in. chromium-plated BS 1010 hot and cold supply valves with adjustable swivelling unions and single outlet nozzle. Fitting has baffle plate in mixing chamber.

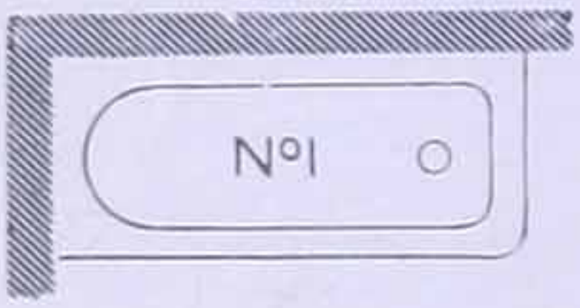
No. B 4372

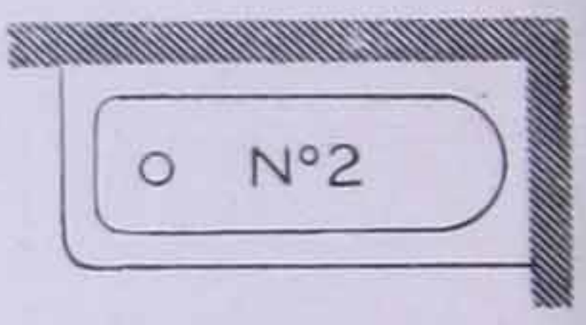
UNIVERSAL BALL JOINT SHOWER HEAD

Chromium-plated

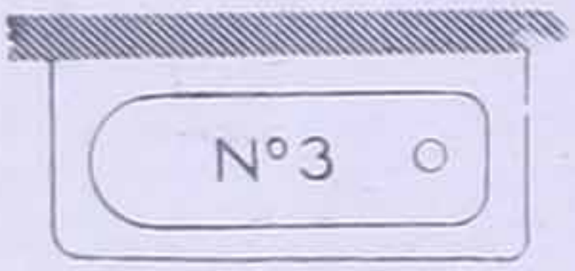
Extremely economical in water consumption whilst ensuring a full drenching shower. The disc can be automatically drawn forward for flushing to remove silt.

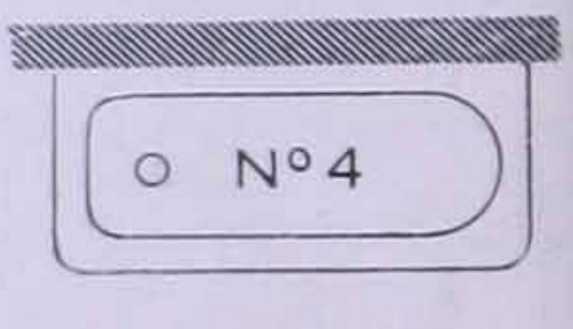
Diameter across face, 1½ in., screwed ½ in. female iron.

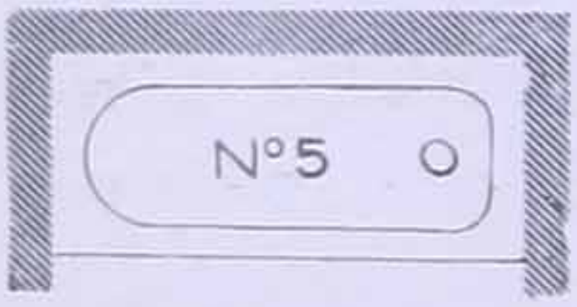


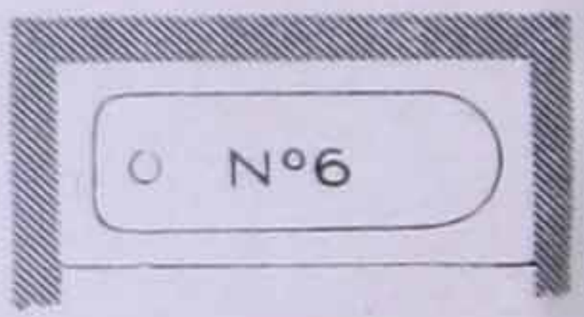


DIAGRAMS SHOWING POSITIONS OF PANELLED BATHS

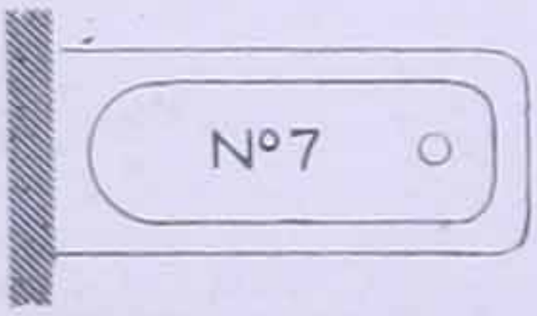


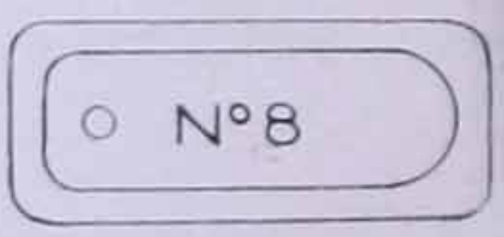


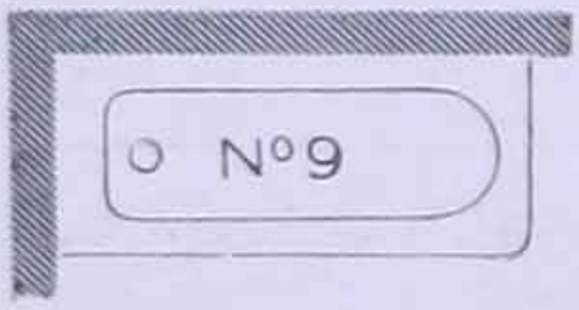


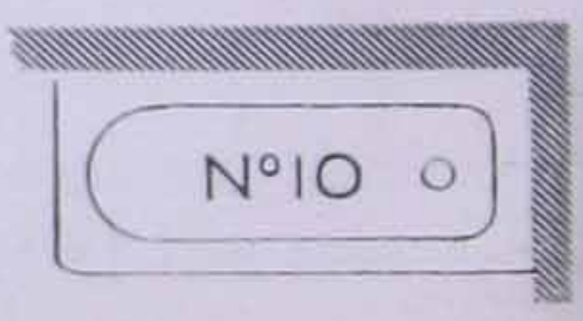


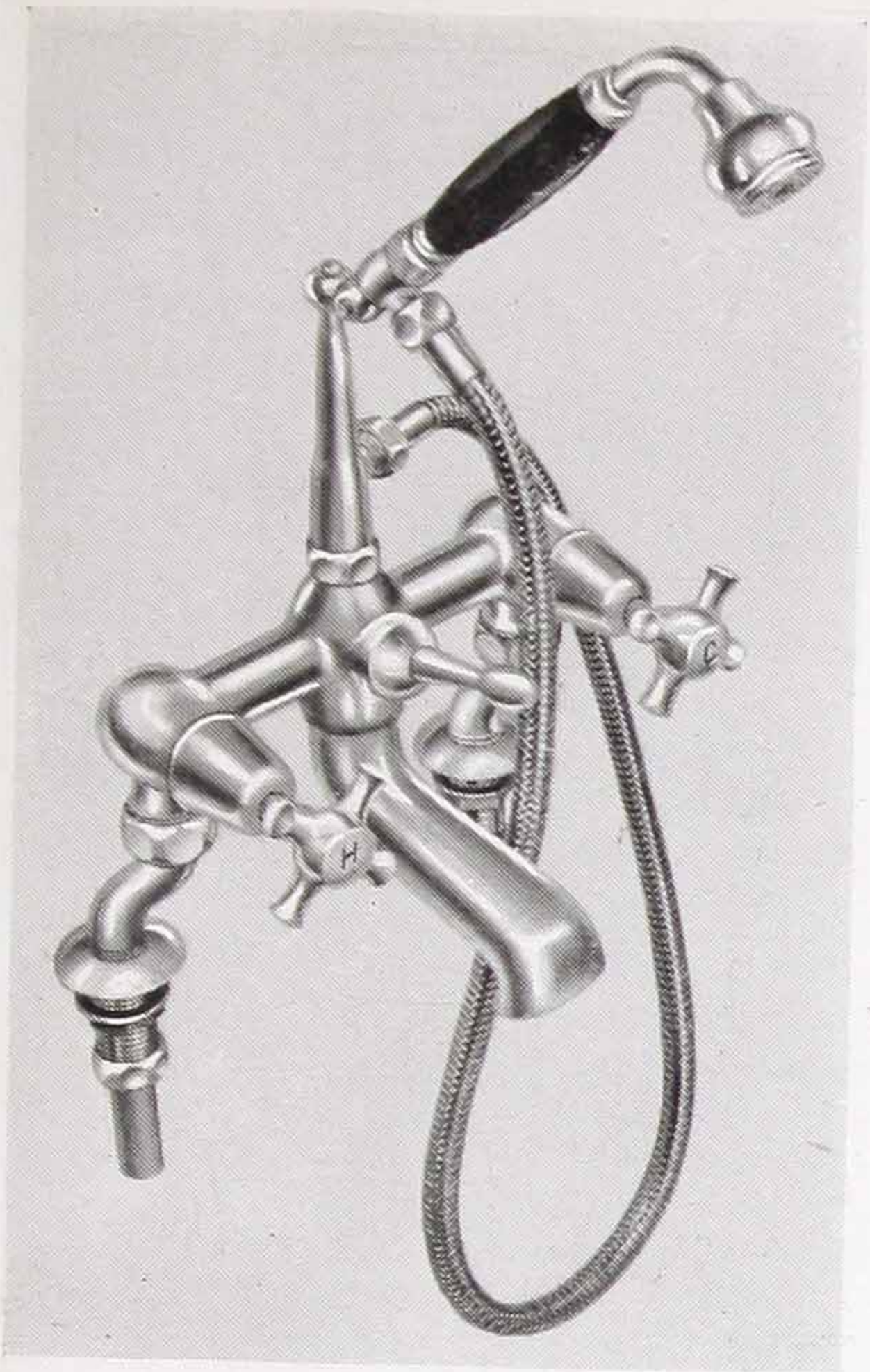
WHEN ORDERING any panelled bath in this list a reference to these diagrams will save errors and unnecessary delay.











No. B 4373

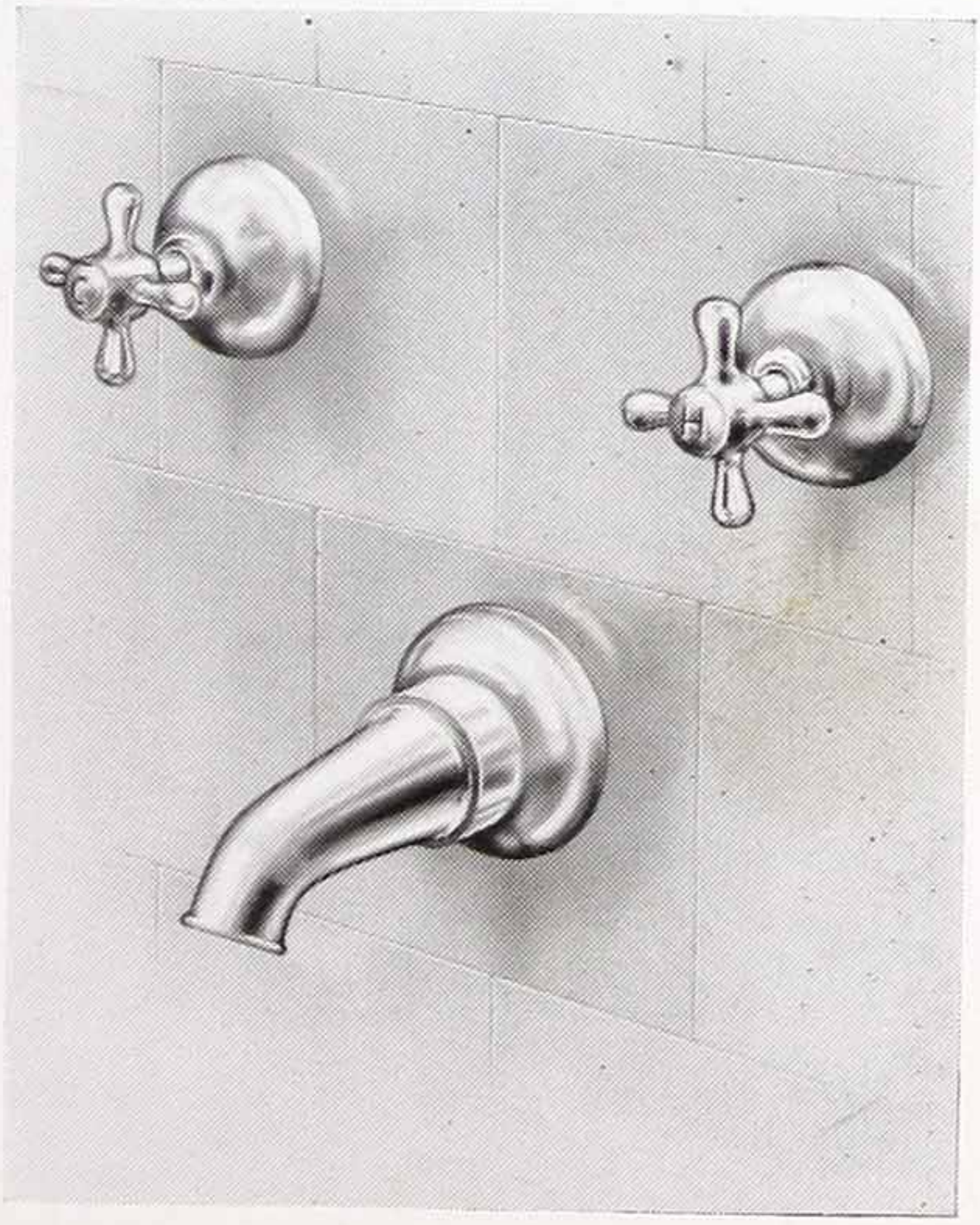
BATH SUPPLY AND SPRAY FITTING

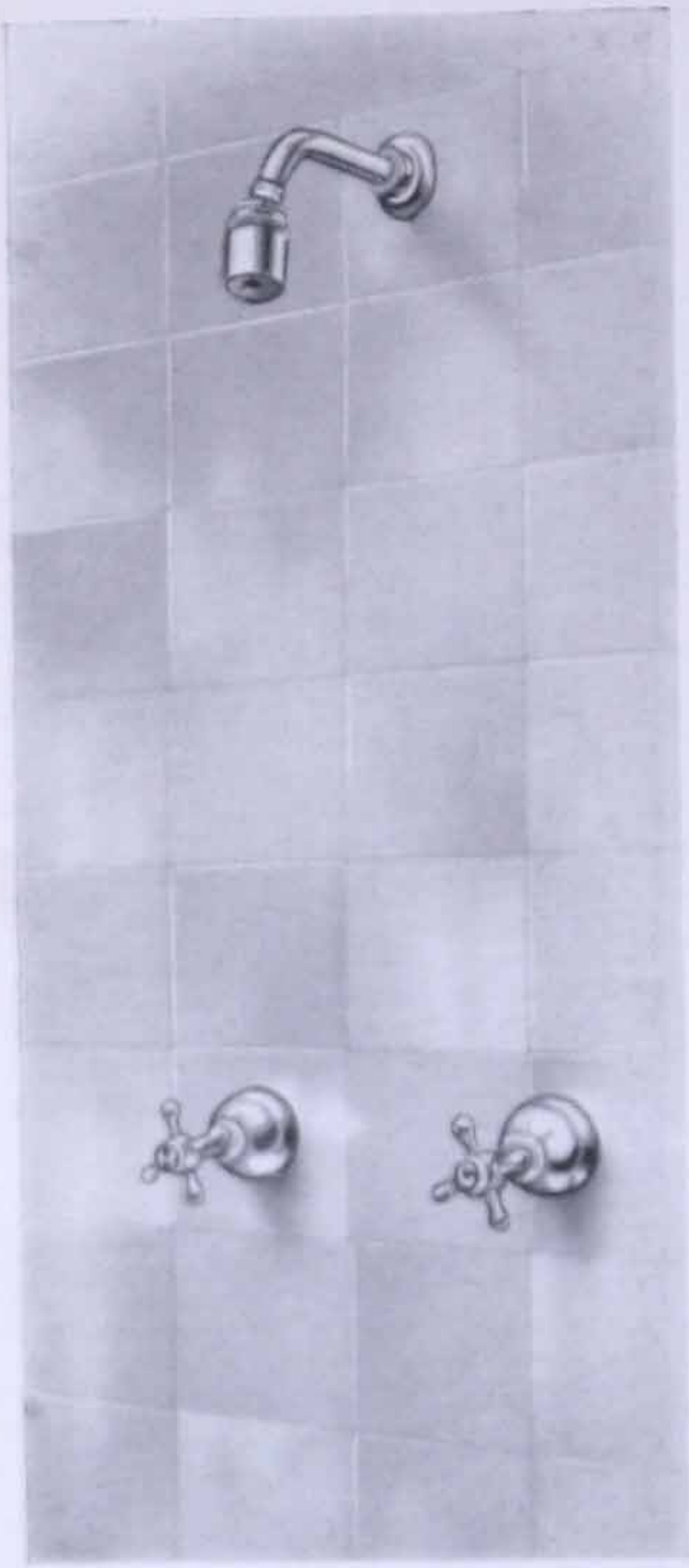
$\frac{3}{4}$ in. chromium-plated BS 1010 hot and cold control valves with adjustable pillars, flexible metallic tubing, hand spray, and special pattern hook.

No. B 4374

CONCEALED BATH SUPPLY FITTINGS

$\frac{3}{4}$ in. chromium-plated BS 1010 hot and cold valves with engraved heads and cast spout projecting $4\frac{3}{4}$ in. from wall to inside of mouth.

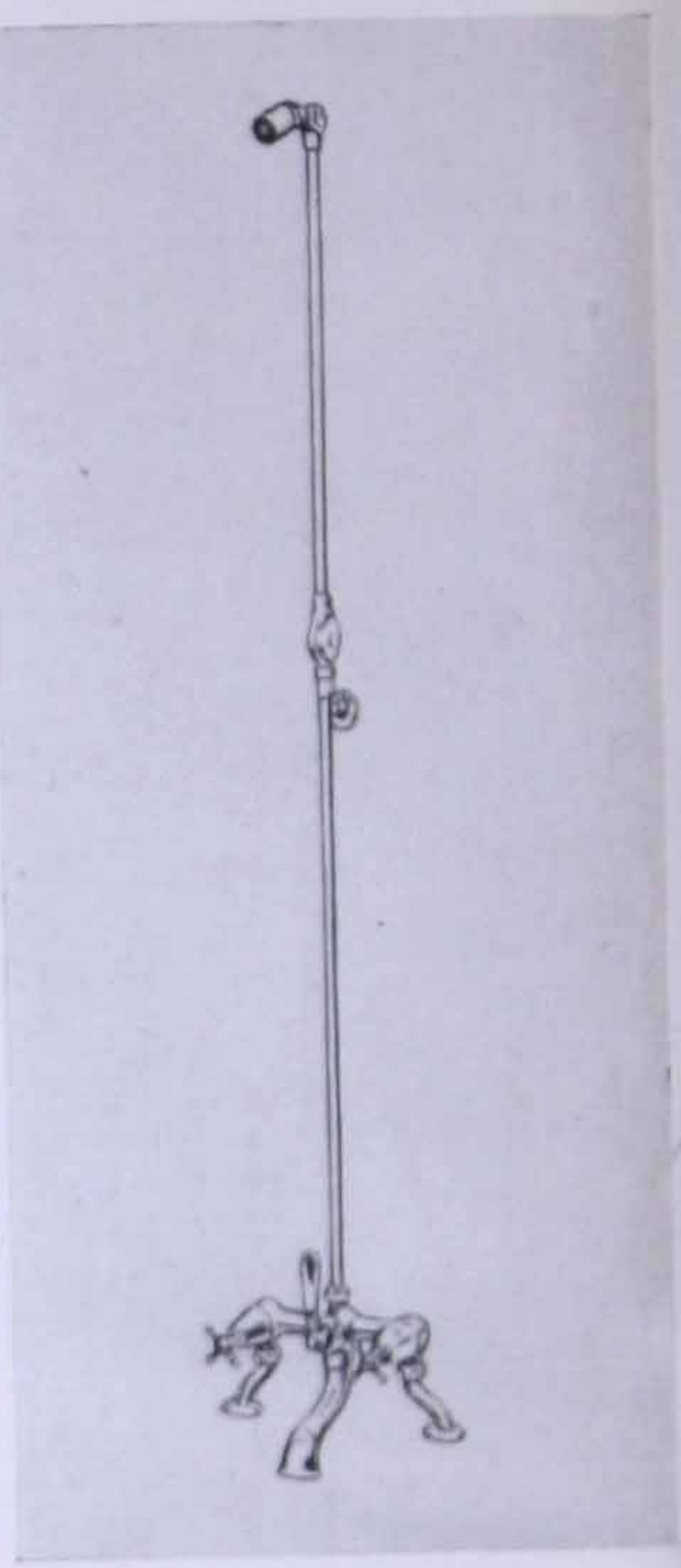




No. B 4381

CONCEALED SHOWER FITTINGS

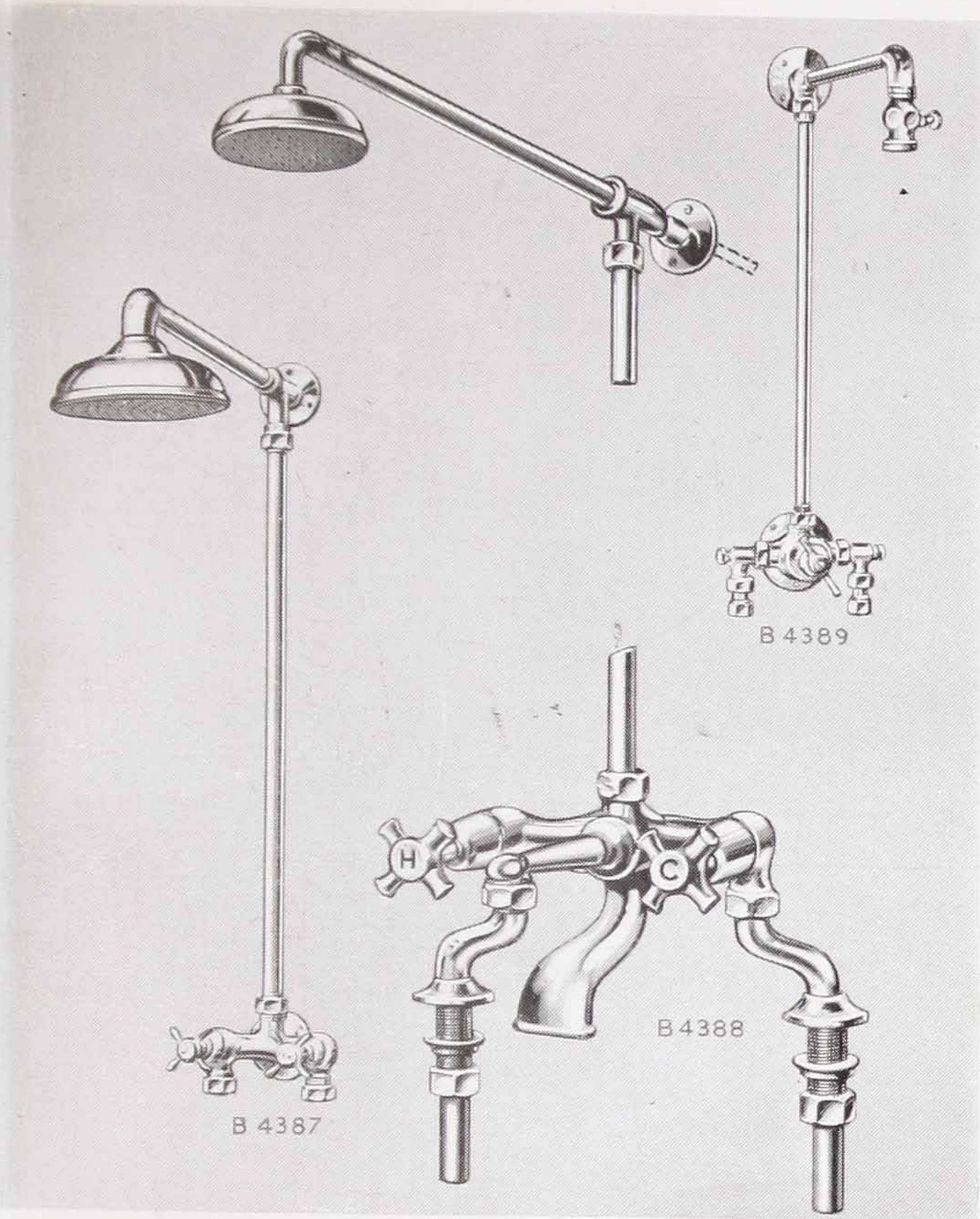
For fitting behind tiles, with ½ in. BS 1010 chromium-plated hot and cold Easyclean supply valves and shower bracket screwed ½ in. male iron with loose wall plate, universal ball joint shower head.



No. B 4380

ADJUSTABLE BATH SHOWER

With ¾ in. BS 1010 chromium-plated hot and cold screw-down valves with adjustable centres, dividing lever, upright tube with wall support and adjustable shower arm with universal ball joint water conserving shower head.

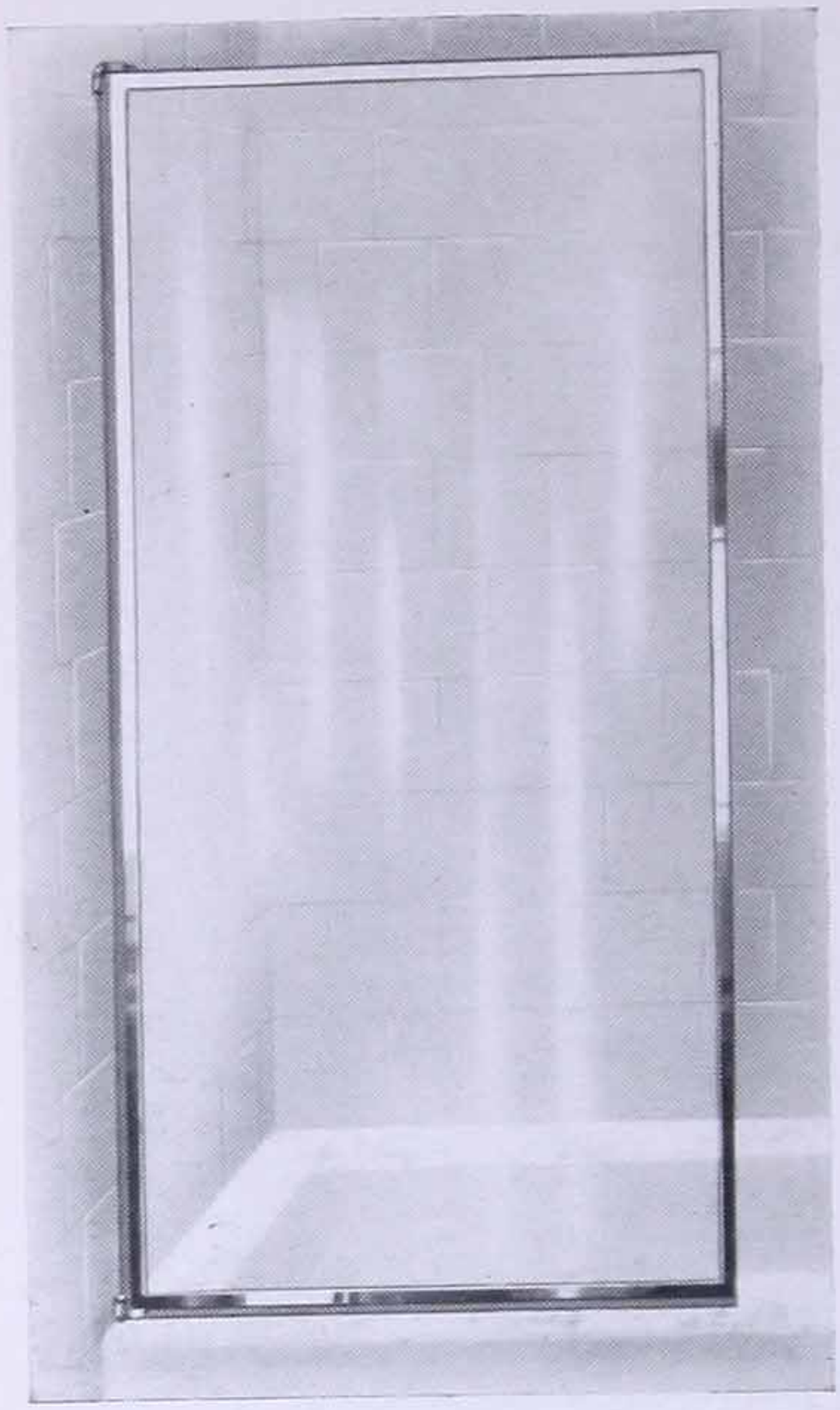


SHOWERS

No. B4387. With ½ in. Hot and Cold Supply Fitting to BS 1010 Spcfn., inlets for copper or lead pipe ; with riser pipe, 6 in. rose and 16½ in. shower arm. Chromium plated.

No. B4388. With ¾ in. hot and cold bath and shower fitting to BS 1010 Spcfn., fully adjustable unions, 5-ft. riser pipe with adjustable arm and 5 in. rose. Chromium-plated.

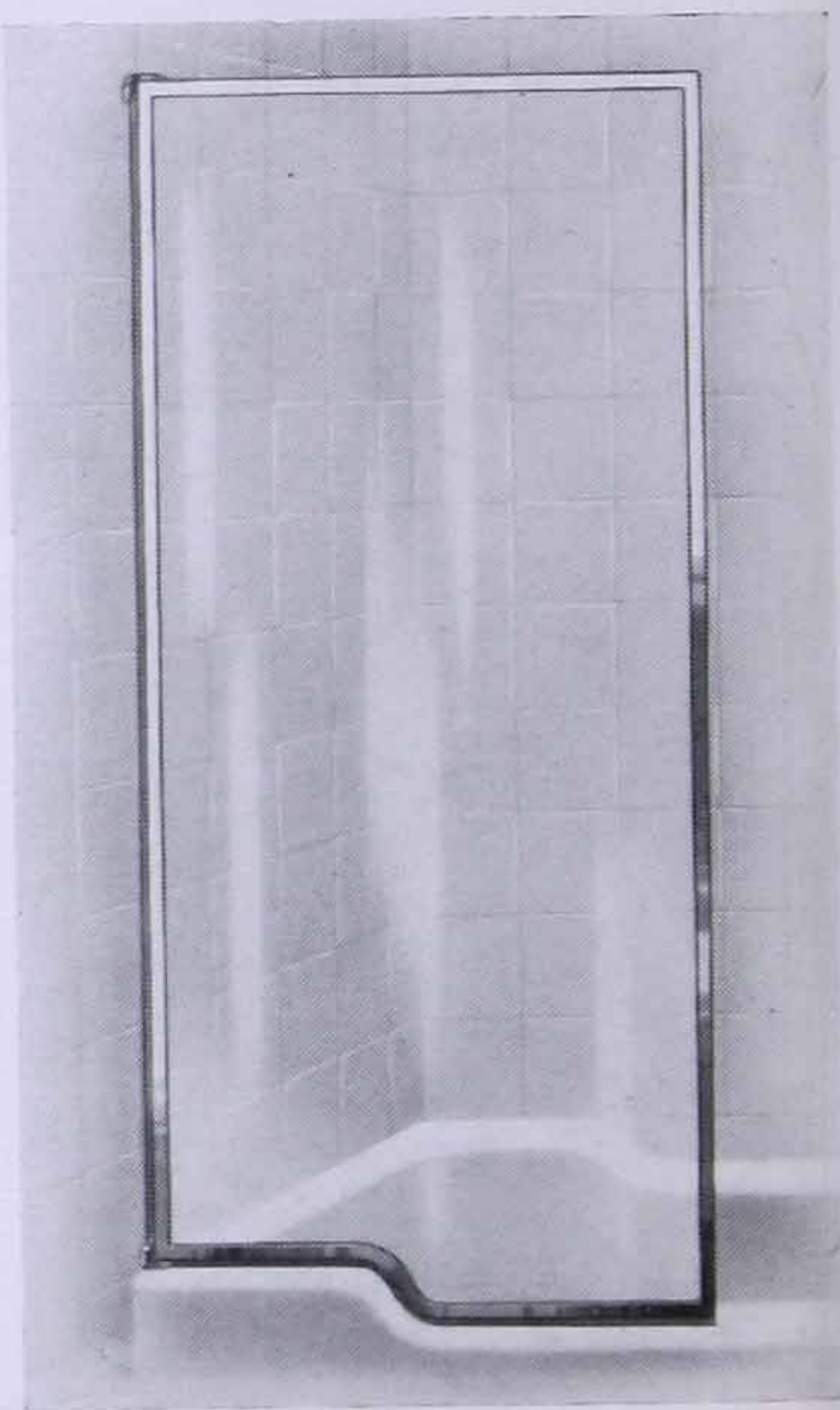
No. B4389. With ½ in. mixing valve marked 'HOT' 'TEPID' 'COLD' and 'SHUT' with variable connections for copper or lead pipe, with riser pipe, 18 in. shower arm and 'Economic' sprayer to give fine, medium, or heavy spray. Chromium-plated.



No. B 4382

SINGLE SWING SHOWER SCREEN

Made from heavily extruded brass section with rubber Squeegee section for wall and bath contacts. Standard size 4 ft. 6 in. high × 2 ft. 3 in. wide with ¼ in. polished plate or ¼ in. obscured rolled cast glass.



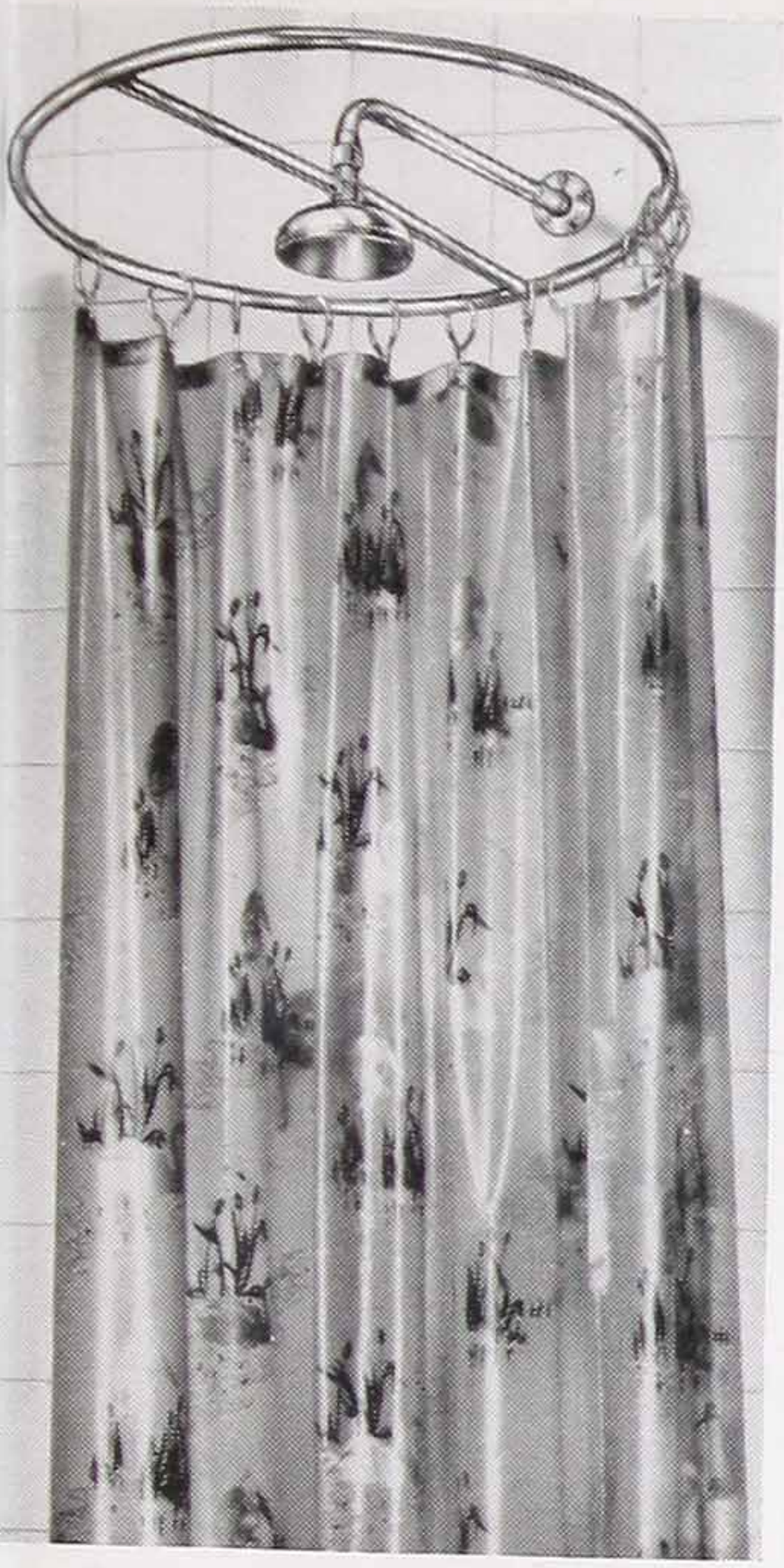
No. B 4383

SINGLE SWING SHOWER SCREEN

Made specially to suit drop front square top baths.

Please send full-sized template of bath rim when ordering, stating thickness of tile overhang.

Description and Size exactly as No. B4382 above.



No. B 4384. CURTAIN RING

No. B 4385
SHOWER CURTAIN

Chromium-plated 24 in. dia. curtain ring with centre bar and connection for shower fitting with banjo curtain hooks.
The shower curtain illustrated is printed plastic material 6 ft. × 6 ft. We have a wide range of materials available.

Most of the shower fittings illustrated can be fitted with a curtain ring similar to the above.

No. B 4386
SHOWER BATH DOOR

A luxury shower bath door with extruded brass framing. Adjustable jamb to take up slight difference in width of opening. Fitted with continuous hinge and double ball catch and water deflector. Glazed with $\frac{1}{4}$ in. plate glass or $\frac{1}{4}$ in. obscured rolled cast glass.
Standard size to suit opening 6 ft. 6 in. high × 2 ft. 2 in. wide

Please state hand required.

No. B 6294

PEDESTAL LAVATORY

Best White-glazed Vitreous China

A fine quality lavatory with side shelves and flat top, of generous proportions for the larger type of residence.

½ in. chromium-plated hot and cold control valves with single centre supply nozzle, 1¼ in. waste with pull-up operation.

Overall Size :

31 in. × 19 in.

This lavatory can also be supplied in a range of colours including peach, old ivory, primrose, amber, jade green, turquoise, jubilee blue, and hyacinth.

No. B 6295

PEDESTAL

LAVATORY

Best White-glazed Earthenware.

A deep facia lavatory with high back and bold modern lines.

½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain.

Overall Size :

24 in. × 20 in.

No. B 6296 PEDESTAL LAVATORY

Best White-glazed Earthenware.

A perfectly matched design for dipped front baths, having a flat top, useful side platforms and a raised rim to prevent splashing.

½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain.

Overall Sizes :

25 in. × 18 in.

27 in. × 19 in.

NOTE.—Chromium-plated supply pipes and trap extension to wall, as illustrated, can also be supplied at an extra charge. *The above Lavatories can also be supplied in colours.*

No. B 6299

PEDESTAL

LAVATORY

Best White-glazed Earthenware.

Square design, without back skirting.

½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain.

Overall Sizes :

24 in. × 20 in.

27 in. × 22 in.

No. B 6254

PEDESTAL

LAVATORY

Best White-glazed Earthenware

Bold design, without back skirting.

½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain.

Overall Sizes :

24 in. × 20 in.

27 in. × 22 in.

The above Lavatories can also be supplied in colours

No. B 4365

PEDESTAL

LAVATORY

Best White-glazed Earthenware.

Square design with back skirting and integral shelf. ½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain.

Overall Sizes :

22 in. × 16 in.

25 in. × 18 in.

27 in. × 19 in.

No. B 6256

PEDESTAL

LAVATORY

Best White-glazed Earthenware.

Square design with back skirting and platform at back. ½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain.

Overall Sizes :

22 in. × 16 in.

25 in. × 18 in.

27 in. × 19 in.

The above Lavatories can also be supplied in colours

No. B 6300 BRACKET LAVATORY

White-glazed Vitreous China.

Strong, modern design, with slot overflow and back skirting. Supported on white porcelain-enamelled cast-iron towel rail brackets.

½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain.

Overall Sizes: 22 in. × 16 in. 25 in. × 18 in.

Vitreous China Ware

No. B 6301 PEDESTAL LAVATORY

White-glazed Vitreous China.

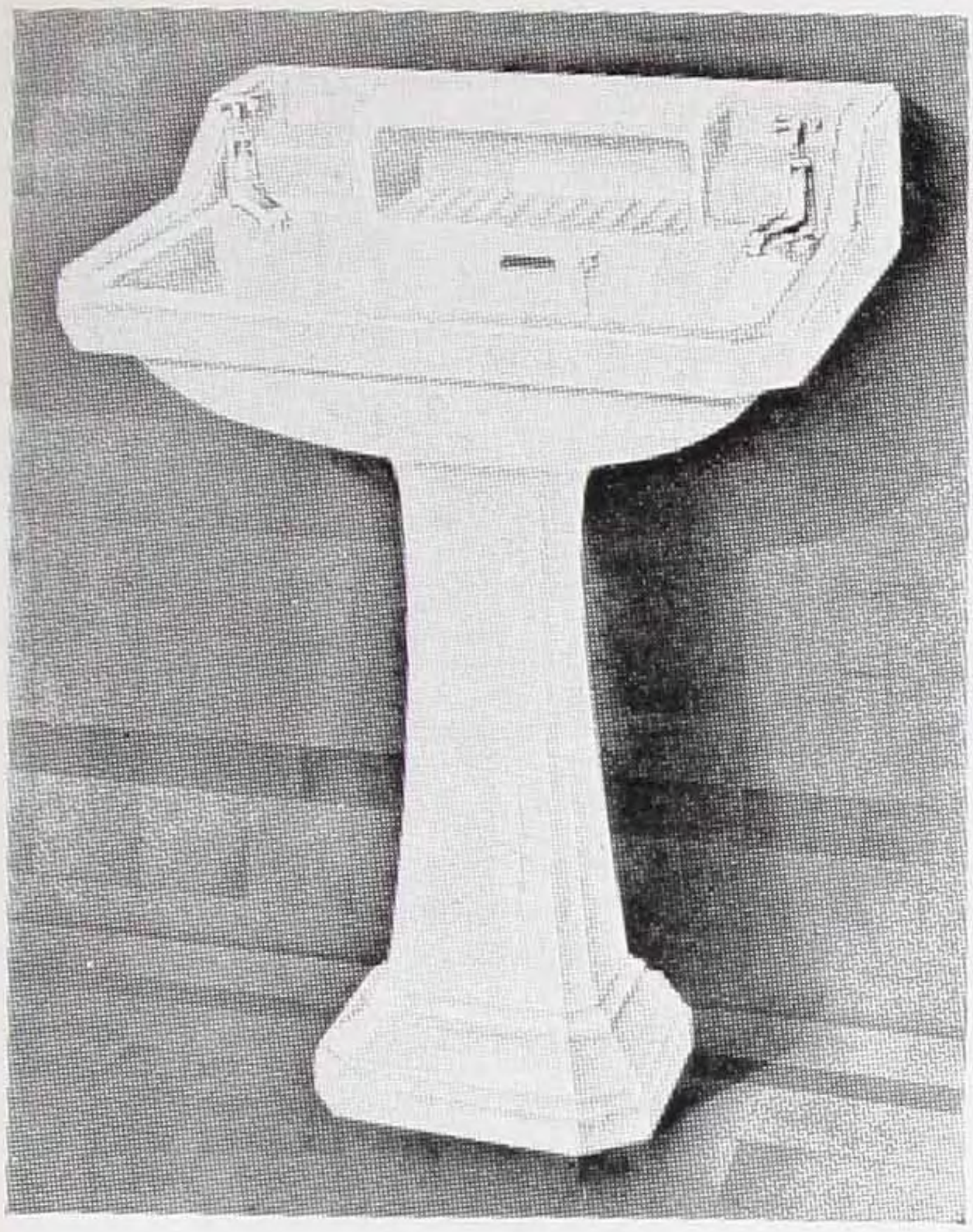
Rounded design with back skirting and generous size basin.

½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain.

Overall Sizes :
22 in. × 16 in.
25 in. × 18 in.

Both the above basins have the overflow at the front

The above Lavatories can also be supplied in colours



No. B 6297
PEDESTAL
LAVATORY

Best White-glazed
Earthenware.

Square design with back skirting and large centre shelf ; smaller stepped shelves on either side with recessed soap and brush holder.

½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain.

Overall Sizes :
22 in. × 16 in.
25 in. × 18 in.

No. B 6298
HAIRDRESSERS' PEDESTAL LAVATORY

Best White-glazed
Earthenware.

A deep facia lavatory with bowed cut-down front for shampoo purposes ; can also be supplied with a hole for hose guide in the back right-hand corner. Complete with 1¼ in. chromium-plated waste with plug and chain.

Overall Sizes :
22 in. × 16 in.
25 in. × 18 in.

Suitable shampoo fittings are illustrated on page 39

No. B 6306
HAIRDRESSERS' BRACKET LAVATORY

Best quality white glazed vitreous china

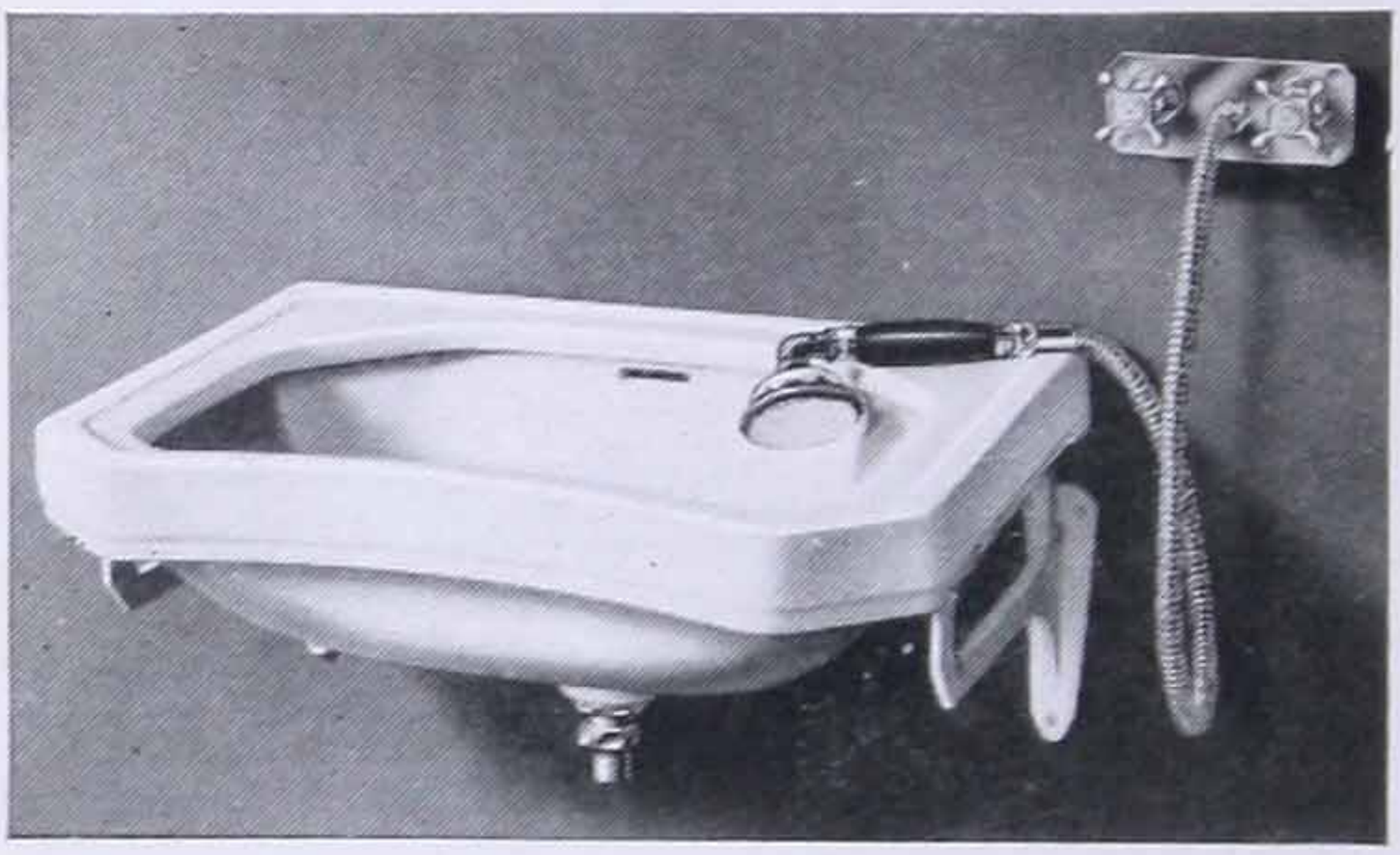
A new pattern lavatory with front overflow and anti-splash rim specially designed for shampoo purposes. Special painted cast-iron wall supports. ½ in. hot and cold mixer fitting for screwing to wall, with flexible metallic tube, hand spray and wall hook ; 1¼ in. waste with plug and chain and P trap to wall with covering flange.

All fittings chromium plated

Overall Size : 24 in. × 20 in.

NOTE.—Splashbacks of suitable types can be offered to suit individual requirements (extra).

No. B 6307
HAIRDRESSERS' BRACKET LAVATORY



Best quality white glazed heavy earthenware.

A recessed front design with anti-splash rim and large bowl which provides ample working space and head room.

Supported on white porcelain - enamelled cast-iron towel rail brackets.

½ in. chromium-plated wall supply fitting having hot and cold control valves, flexible tube and hand spray, 1¼ in. lift-up plug waste.

Overall Size: 24 in. × 20 in.

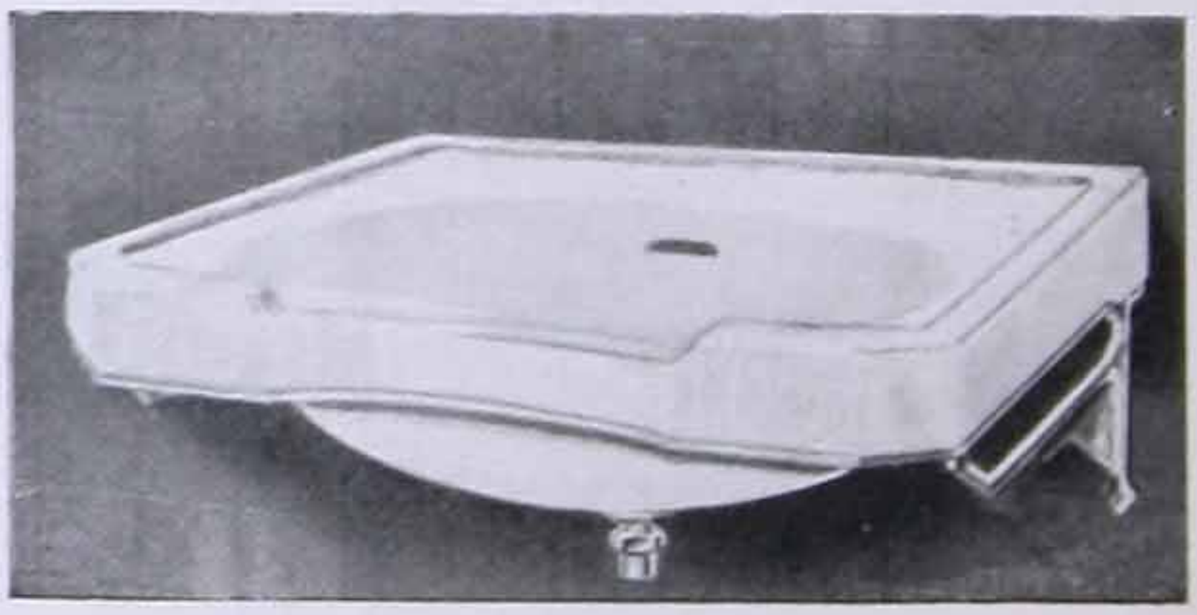
No. B 6308
HAIRDRESSERS' BRACKET LAVATORY

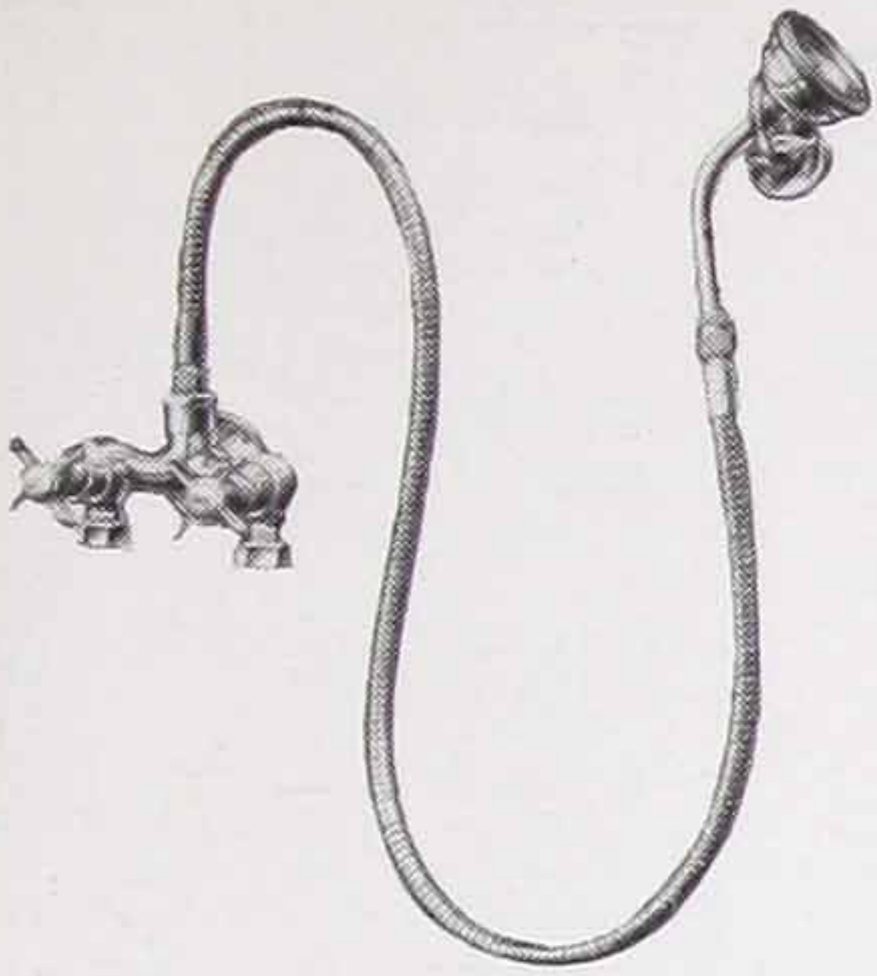
Best quality white glazed earthenware

A deep facia lavatory with bowed cut-down front for shampoo purposes. Supported on painted or white-porcelain enamelled cast-iron towel rail brackets. 1¼ in. chromium-plated waste with plug and chain ; can also be supplied with a hole for hose guide in the back right-hand corner.

Overall Sizes:

22 in. × 16 in.
25 in. × 18 in.





No. B 4413

SHAMPOO FITMENT

½ in. chromium-plated B.S. 1010 hot and cold supply fitting with chromium-plated flexible metallic tube, hand-spray and wall hook.

No. B 4417

SHAMPOO FITMENT

½ in. chromium-plated B.S. 1415 mixing valve with metal dial plate calibrated for temperature. Bent unions on inlets, outlet fitted with flexible metallic tube, hand spray and wall hook.

No. B 4416

TRU-FLO SHAMPOO SPRAY

A De Luxe Model embodying special bulb tap connexions for bath or basin taps, three-way piece and special high-grade rubber tubing.

Available in Pink, Blue, Green, and White, with special hand grip and spray head to match.

Mirrors and all equipment for Hairdressers' Saloons quoted for on application.

No. B 6309
STAND
LAVATORY

Best White-glazed
Earthenware

Square pattern with long integral shelf and soap trays, slot overflow.

½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain and chromium-plated bottle trap.

Chromium-plated brass round tube stand with ¾ in. legs and towel rails.

Overall Sizes :
22 in. × 16 in.
25 in. × 18 in.
27 in. × 19 in.

No. B 6310
STAND
LAVATORY

Best White-glazed
Earthenware

An attractive pattern with dipped front and back skirting.

½ in. chromium-plated hot and cold pillar taps with special high noses, 1¼ in. waste with plug and chain, chromium-plated bottle trap with plastic base.

Chromium-plated brass lavatory stand with legs of special shape and side towel rails.

Overall Sizes :
22 in. × 16 in.
25 in. × 18 in.
27 in. × 19 in.

No. B 6311

STAND
LAVATORY

White-glazed Vitreous China.

A very strong square pattern with back skirting and slot overflow.

½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain. Unpolished cast aluminium stand with legs to floor, front towel rail and wall brackets.

Overall Sizes :

22 in. × 16 in.

25 in. × 18 in.

No. B 6312

STAND
LAVATORY

Best White-glazed Earthenware.

A new design with rounded front, back skirting and slot overflow.

½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain. Plain painted cast-iron stand with legs to floor and wall stays.

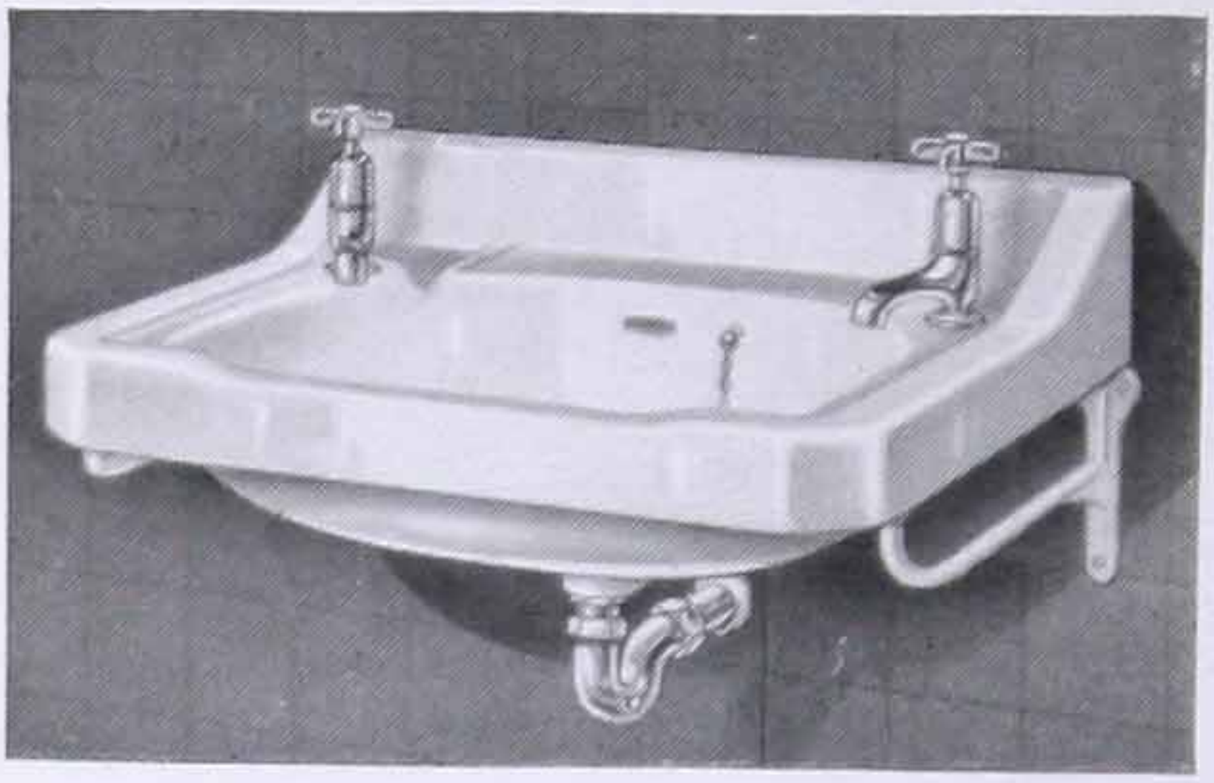
Overall Sizes :

22 in. × 16 in.

25 in. × 18 in.

27 in. × 19 in.

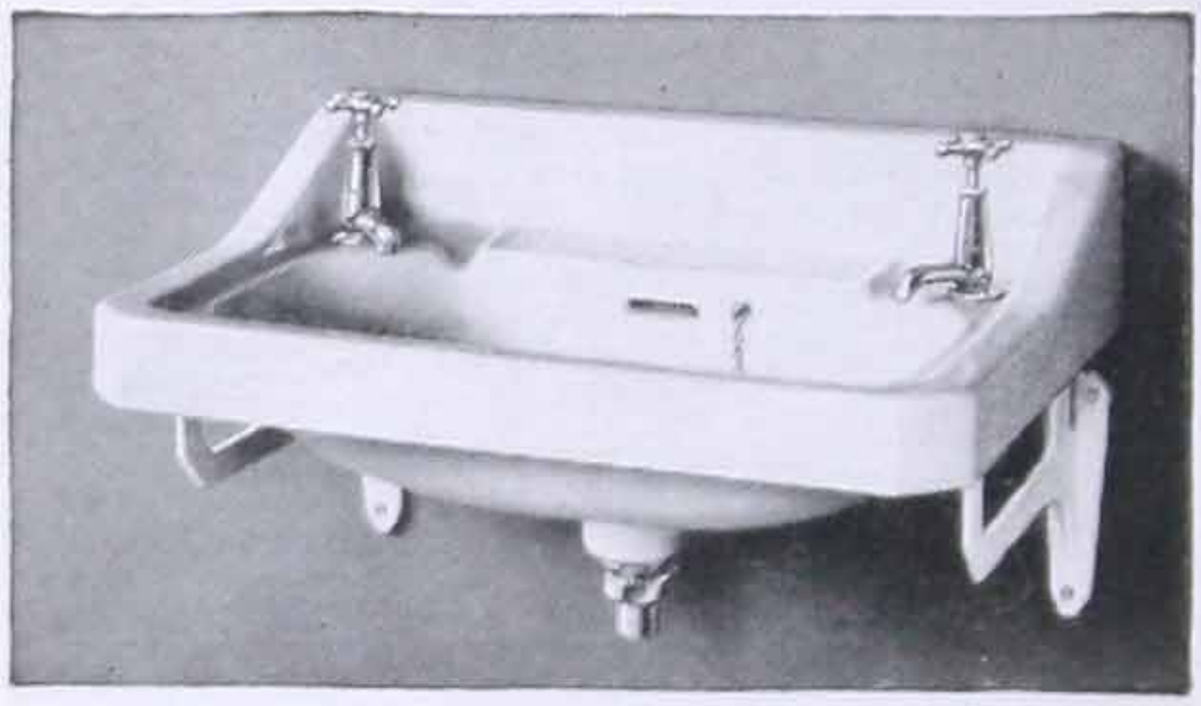
No. B 6302
BRACKET LAVATORY
Best White-glazed Earthenware.



A novel pattern with dipped front to match the modern bath ; supported on white porcelain-enamelled cast-iron towel rail brackets.
½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain.

Overall Sizes :
22 in. × 16 in.
25 in. × 18 in.
27 in. × 19 in.

No. B 6262
BRACKET LAVATORY
Best White-glazed Earthenware.



Square pattern Basin with back skirting, supported on white porcelain-enamelled cast-iron towel rail brackets.
½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain.

Overall Sizes :
22 in. × 16 in.
25 in. × 18 in.
27 in. × 19 in.

No. B 6265
BRACKET SHELF LAVATORY
Best White-glazed Earthenware.

Square pattern Basin with back skirting and integral shelf, supported on white porcelain-enamelled cast-iron towel rail brackets.
½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain.

Overall Sizes :
22 in. × 16 in.
25 in. × 18 in.
27 in. × 19 in.

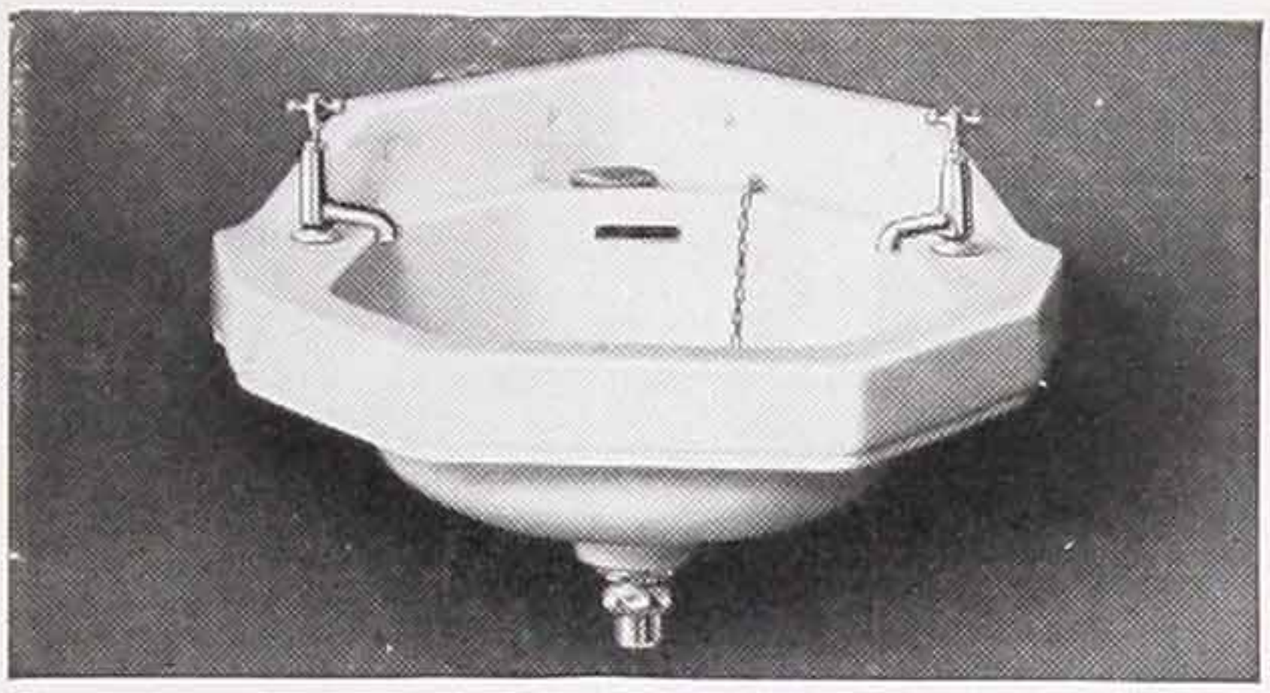
BRACKET LAVATORY BASINS

Best White-glazed Earthenware

No. B 6267
SMALL ANGULAR LAVATORY BASIN

Including ½ in. C.P. hot and cold taps, 1¼ in. waste with plug and chain (this basin is fixed to the wall by screws).

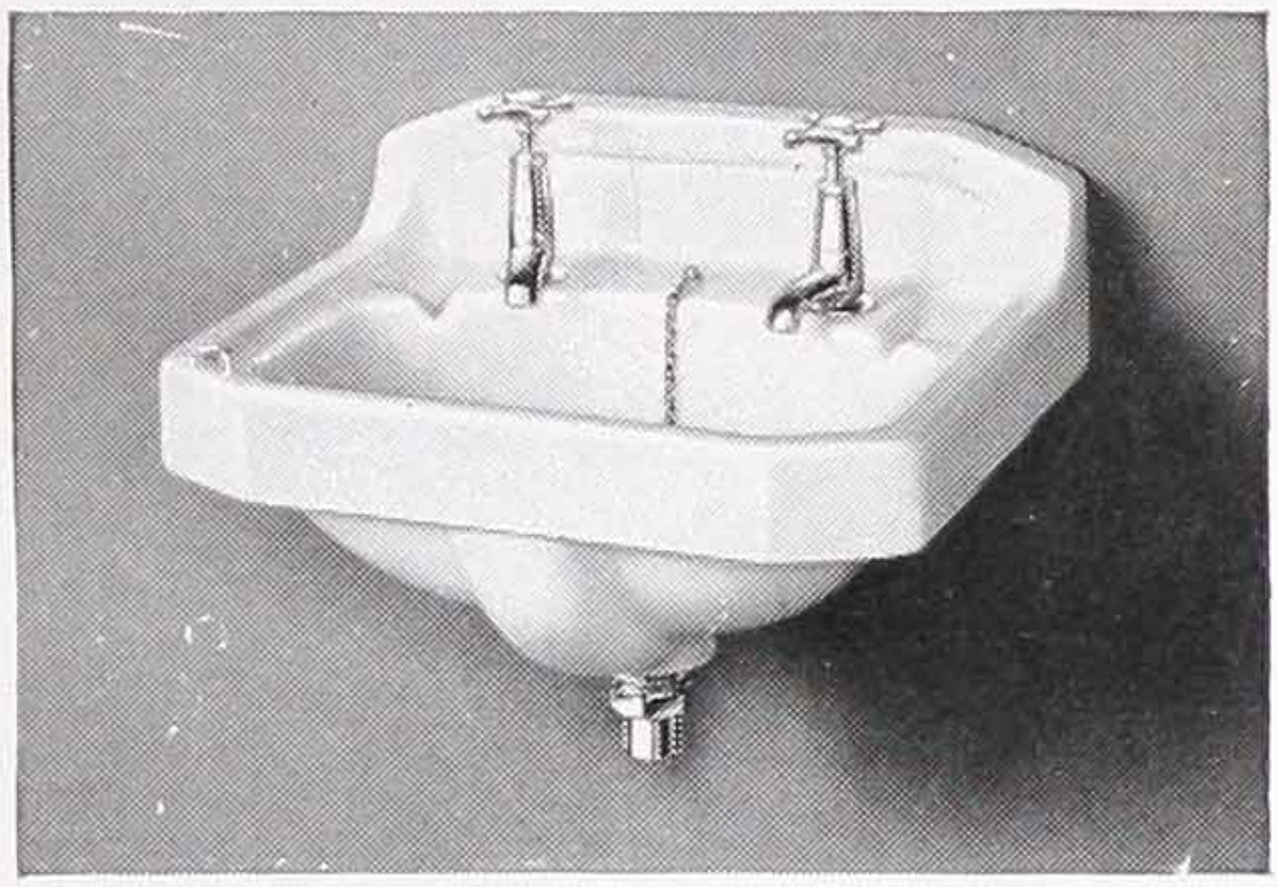
Size :
21 in. × 21 in.



No. B 6264
LAVATORY BASIN
for confined spaces

Including ½ in. C.P. hot and cold taps, 1¼ in. waste with plug and chain, and C.I. wall hangers.

Size :
18 in. × 15 in.



No. B 6263
LAVATORY BASIN
for Cloakrooms, etc.

Including ½ in. C.P. hot and cold taps, 1¼ in. waste with plug and chain, and C.I. wall hangers.

Size :
26 in. × 14 in.

No. B 6266
ANGULAR LAVATORY BASIN

Including ½ in. C.P. hot and cold taps, 1¼ in. waste with plug and chain, and painted C.I. brackets.

Sizes :
24 in. × 18 in.
27 in. × 20 in.

No. B 6303
BRACKET LAVATORY

White Glazed Fireclay.

Standard Quality

Strong, modern design, with slot overflow and back skirting. Supported on white porcelain-enamelled cast-iron towel rail brackets. ½ in. smooth-body chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain.

Overall Sizes :

20 in. × 16 in.
22 in. × 16 in.
25 in. × 18 in.

No. B 6304
BRACKET LAVATORY

Cast-iron white porcelain-enamelled with roll rim and back skirting, grid overflow and waste combined.
Supported on white porcelain-enamelled wall brackets.
½ in. smooth-body chromium-plated hot and cold pillar taps, 1¼ in. waste with plug and chain.

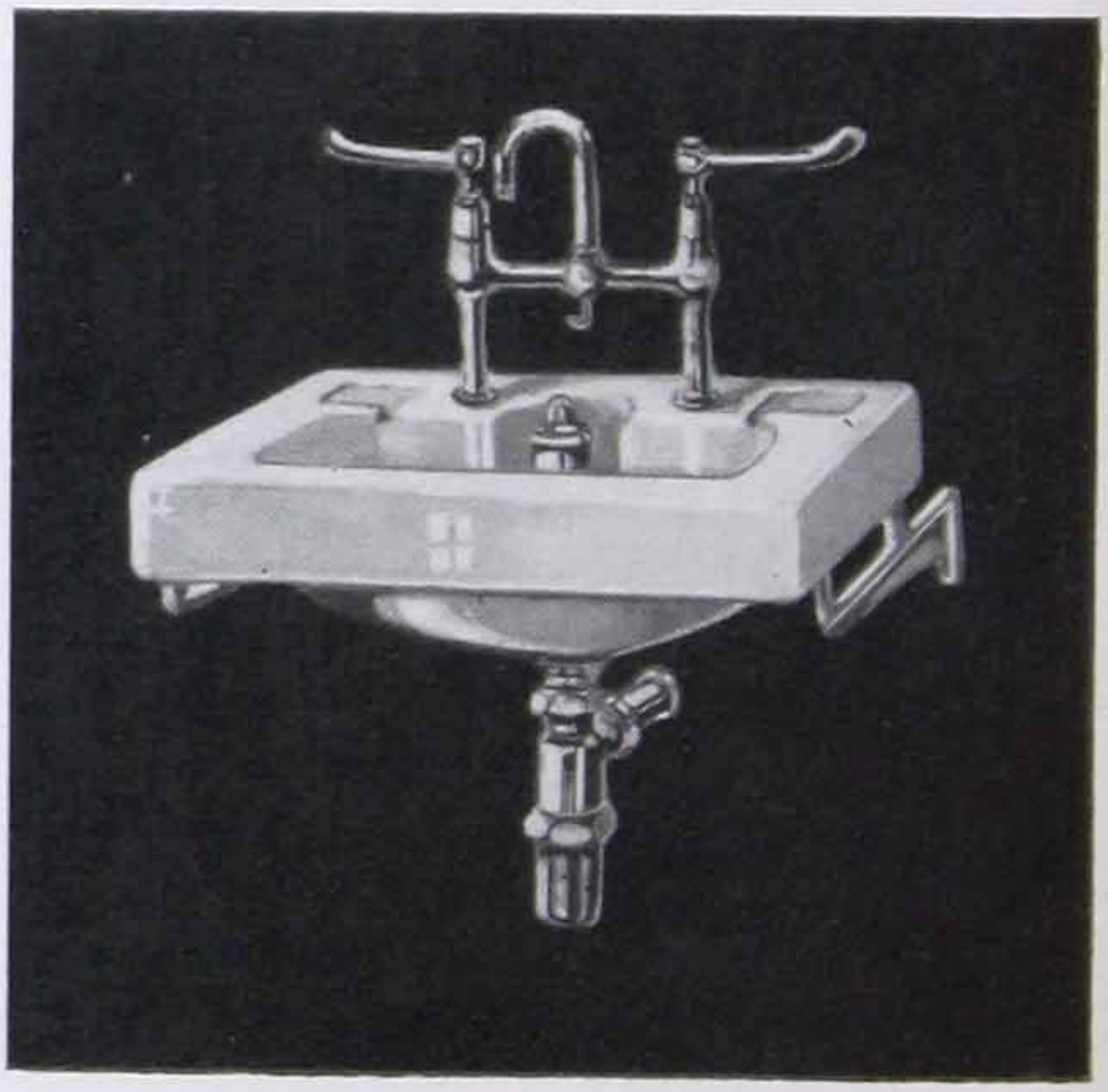
Overall Sizes : 22 in. × 16 in. ; 25 in. × 18 in.

No. B 6305
SURGEONS' LAVATORY

With soap trays, recessed outlet and anti-splash rim, ½ in. hot and cold chromium-plated combined supply fitting with swan neck, anti-splash discharge and wrist-action levers ; 1¼ in. waste fitting with vulcanite stand pipe, 1¼ in. bottle trap with extension to wall and wall flange, white porcelain enamelled cast-iron cantilever brackets.

Overall Sizes :

24 in. × 18 in.
24 in. × 20 in.



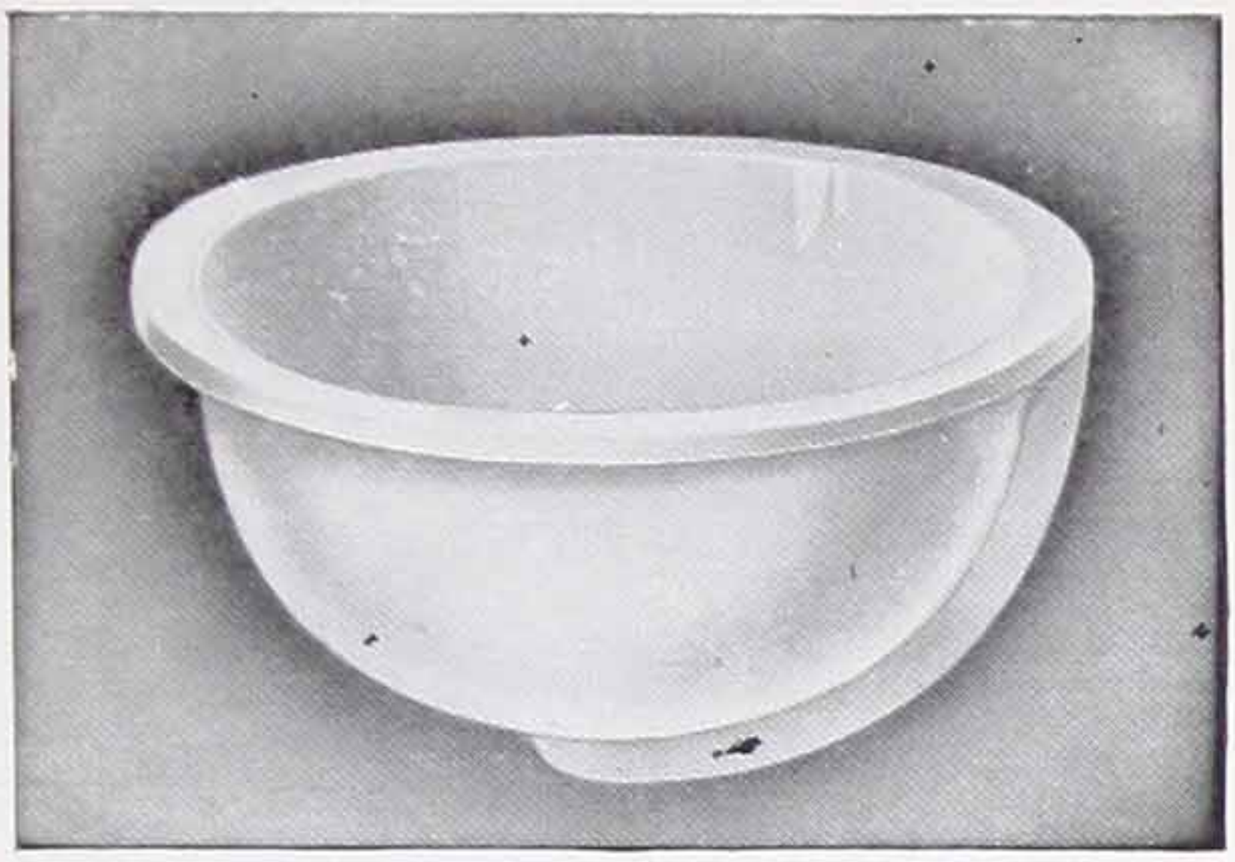
No. B 1216

ROUND PLUG BASIN

White Earthenware

Sizes :

Overall	*Bowl*
18 in.	16 in.
17 in.	15 in.
16 in.	14 in.
15 in.	13¼ in.
14 in.	12¼ in.
13 in.	11¼ in.
12 in.	10¼ in.



A round plug basin for fitting beneath marble slab.
Can be supplied with Combined overflow only.

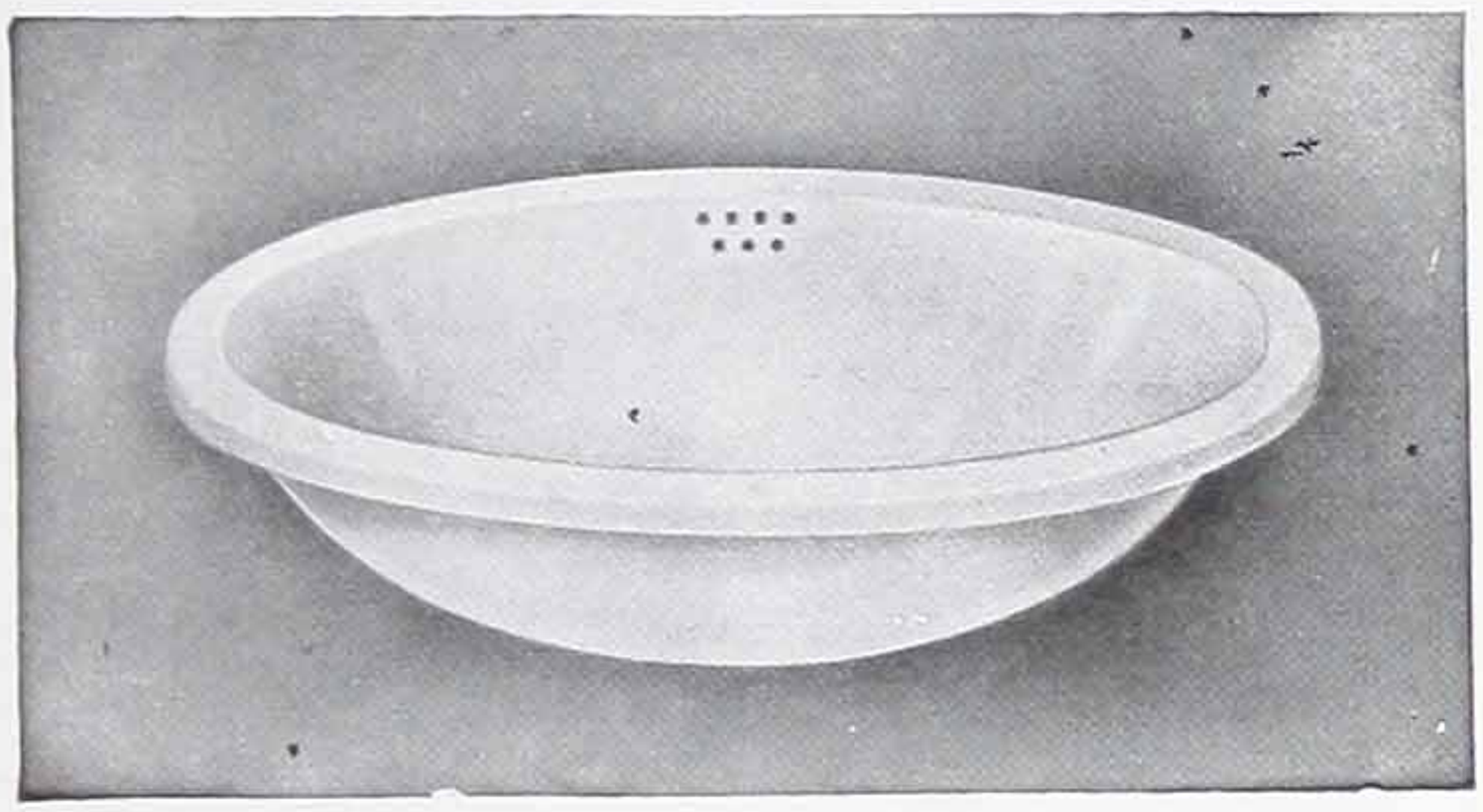
No B 1218

OVAL PLUG BASIN

White Earthenware

Sizes

Overall	*Bowl*
23 × 17 in.	20¾ × 14¼ in.
20 × 15 in.	17¾ × 12¾ in.
16 × 13 in.	14 × 11 in.
14 × 12 in.	12 × 10 in.



An oval plug basin for fitting beneath marble slab.
Can be supplied with Combined overflow only.

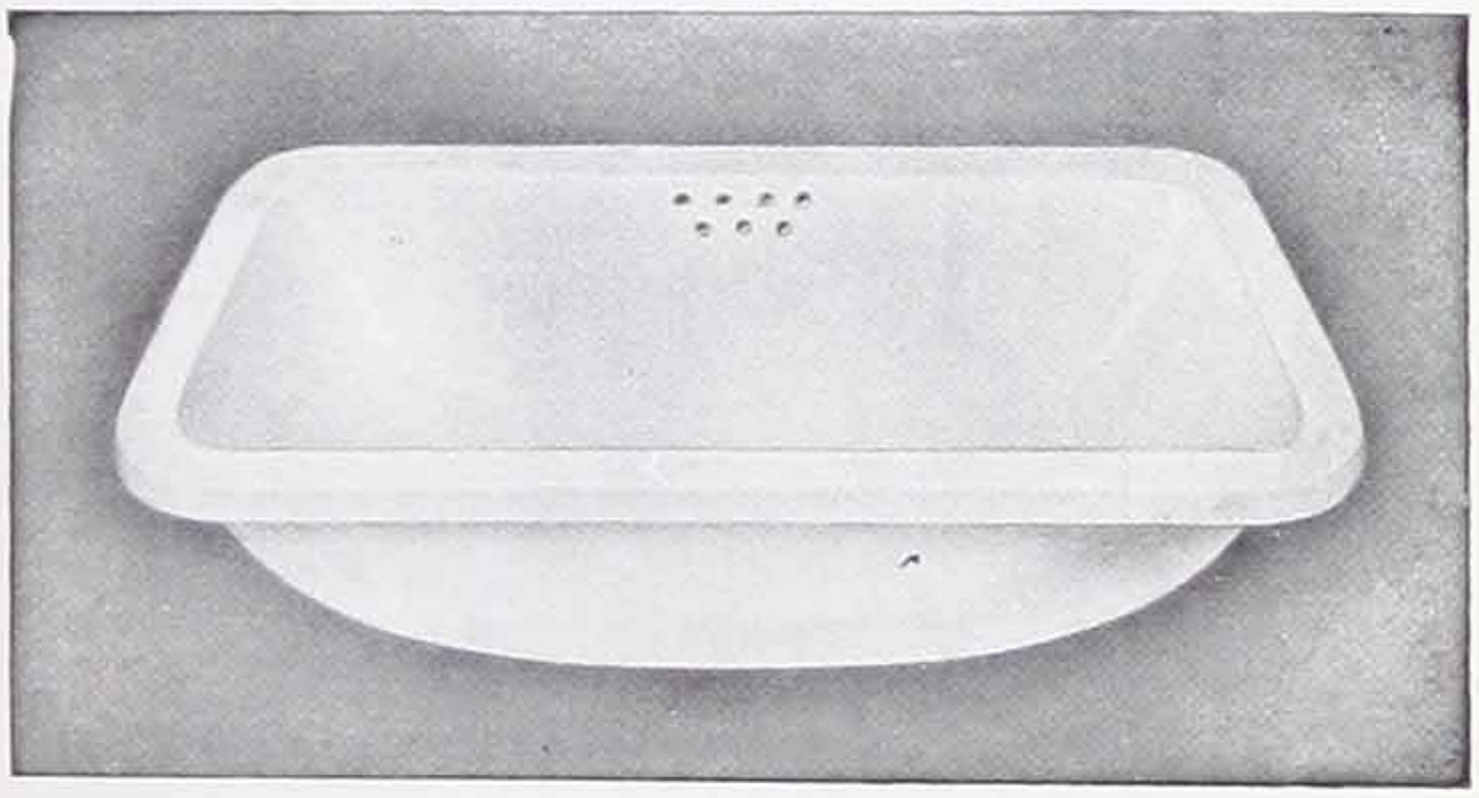
No B 6316

OBLONG PLUG BASIN

White Earthenware

Sizes:

Overall	*Bow*
24 × 17½ in.	22 × 16 in.
22 × 17½ in.	20 × 16 in.
21½ × 16½ in.	19½ × 14½ in.



An oblong plug basin for fitting beneath marble slab.
Can be supplied with Combined overflow only.

No. B 4481

LAVATORY RANGE

Best White-Glazed Earthenware

Comprising rectangular modern pattern basins with cut corners and back skirtings and loose overlap joints. Painted or white porcelain-enamelled cast-iron brackets to support.

½ in. chromium-plated hot and cold pillar taps, 1¼ in. wastes with plugs and chains.

Overall Sizes (each basin) : 22 in. × 16 in. ; 25 in. × 18 in. ; 27 in. × 19 in.

No. B 6314

SCHOOL LAVATORY RANGE

White-Glazed Heavy Fireclay

Comprising basins each with anti-splash rim at front, soap tray, 3 in. back skirting, weir overflow fitted with C.P. brass grating and loose overlap joints ; painted or white porcelain-enamelled cast-iron brackets either to screw to wall or to build in.

½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste fittings with plugs and chains. Supplied either in range form or with glazed ends for fixing singly.

These basins comply with B.S./M.O.E.

Overall Size (each basin) : 18 in. × 12 in.

No. B 6315

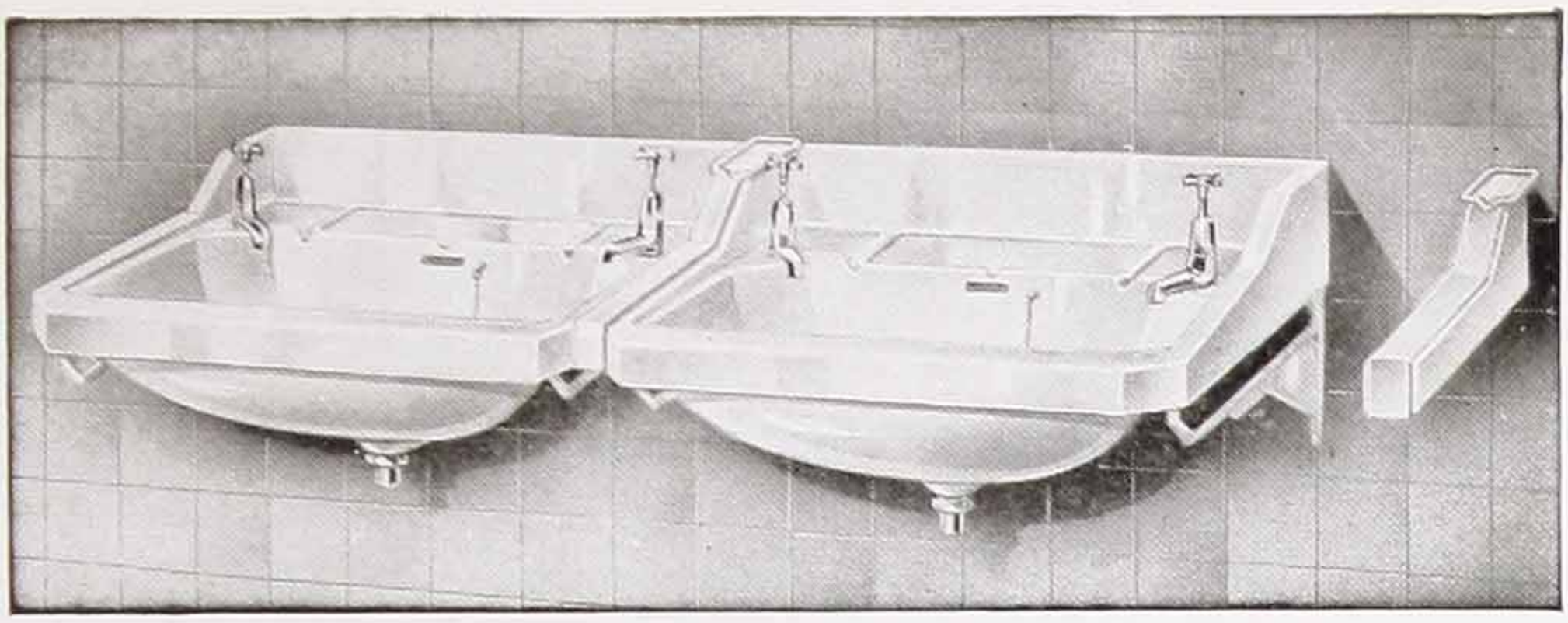
LAVATORY RANGE

White-Glazed Heavy Fireclay

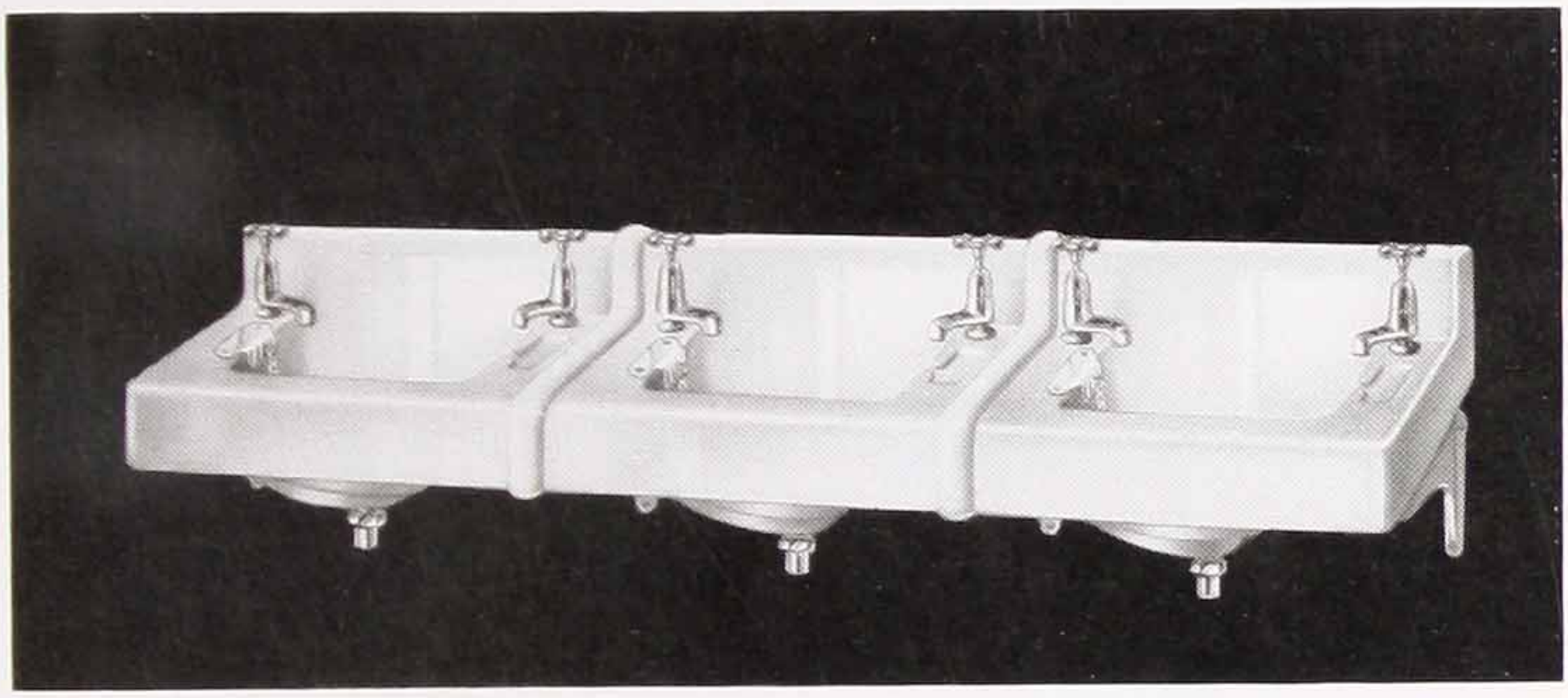
Comprising B.S.F.A. Standardized lavatory basins with slot overflows, corner tapholes, integral shelves, cut corners and loose overlap joints. Painted or white porcelain-enamelled cast-iron screw-to-wall brackets.

½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste fittings with plugs and chains.

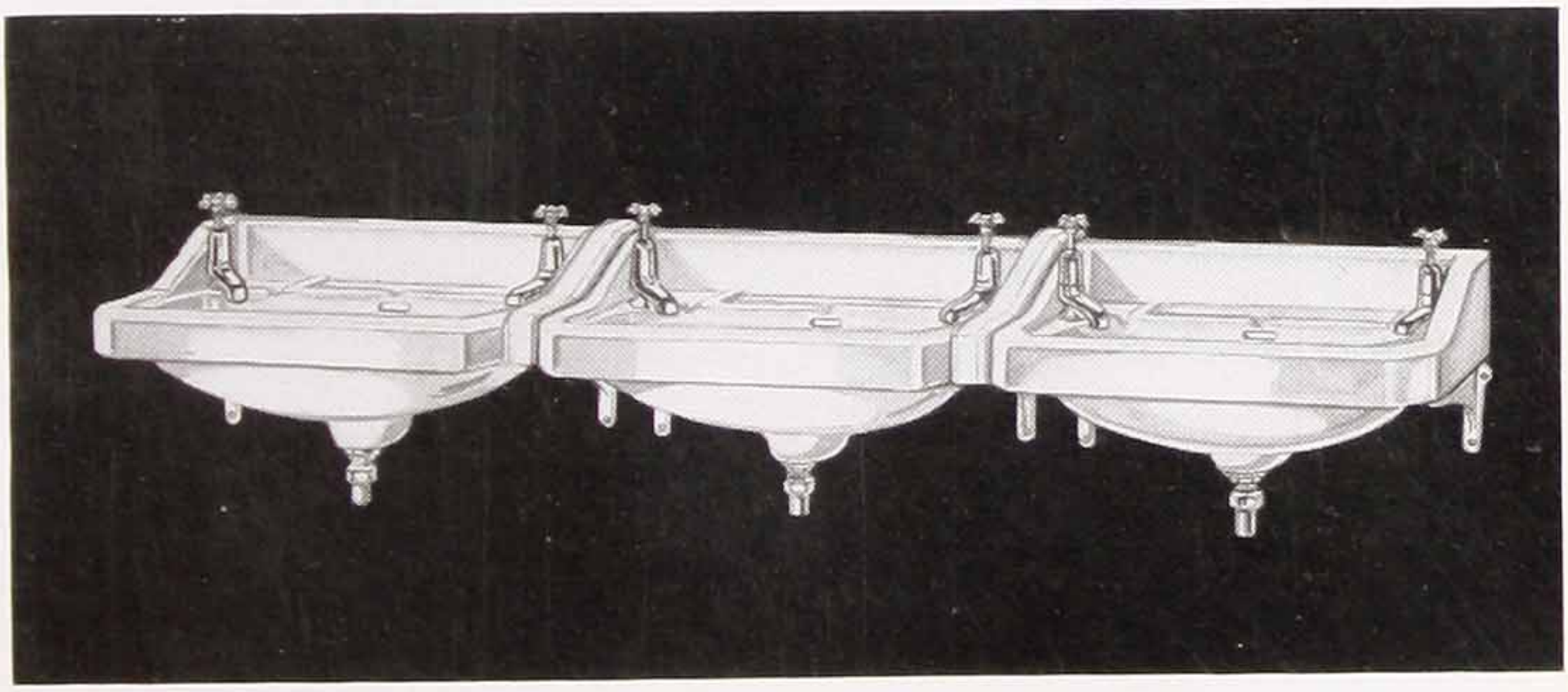
Overall Sizes (each basin) : 20 in. × 16 in. ; 22 in. × 16 in. ; 25 in. × 18 in.



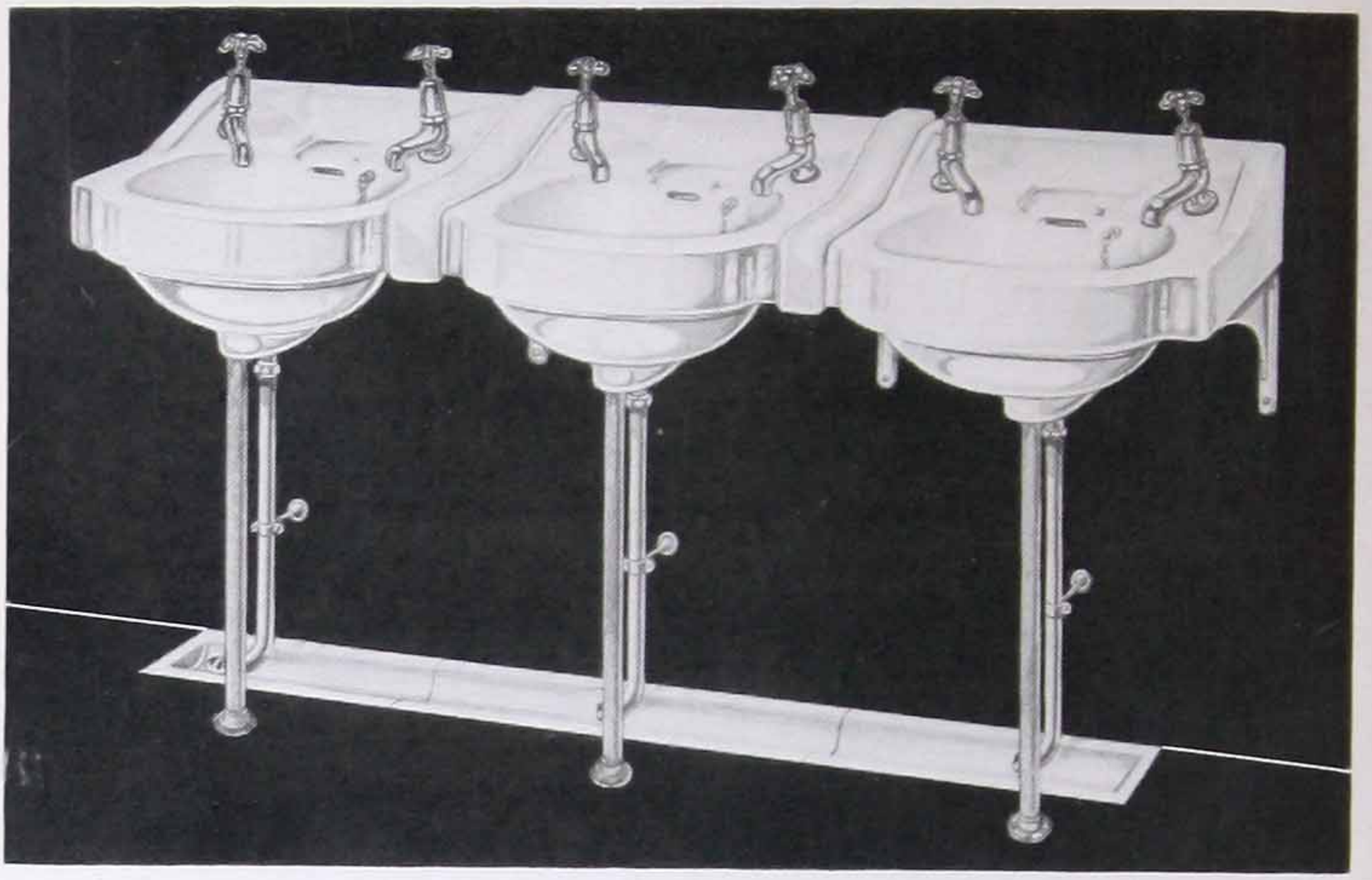
No. B 4481 LAVATORY RANGE



No. B 6314 SCHOOL LAVATORY RANGE



No. B 6315 LAVATORY RANGE



No. B 6313

SCHOOL LAVATORY RANGE

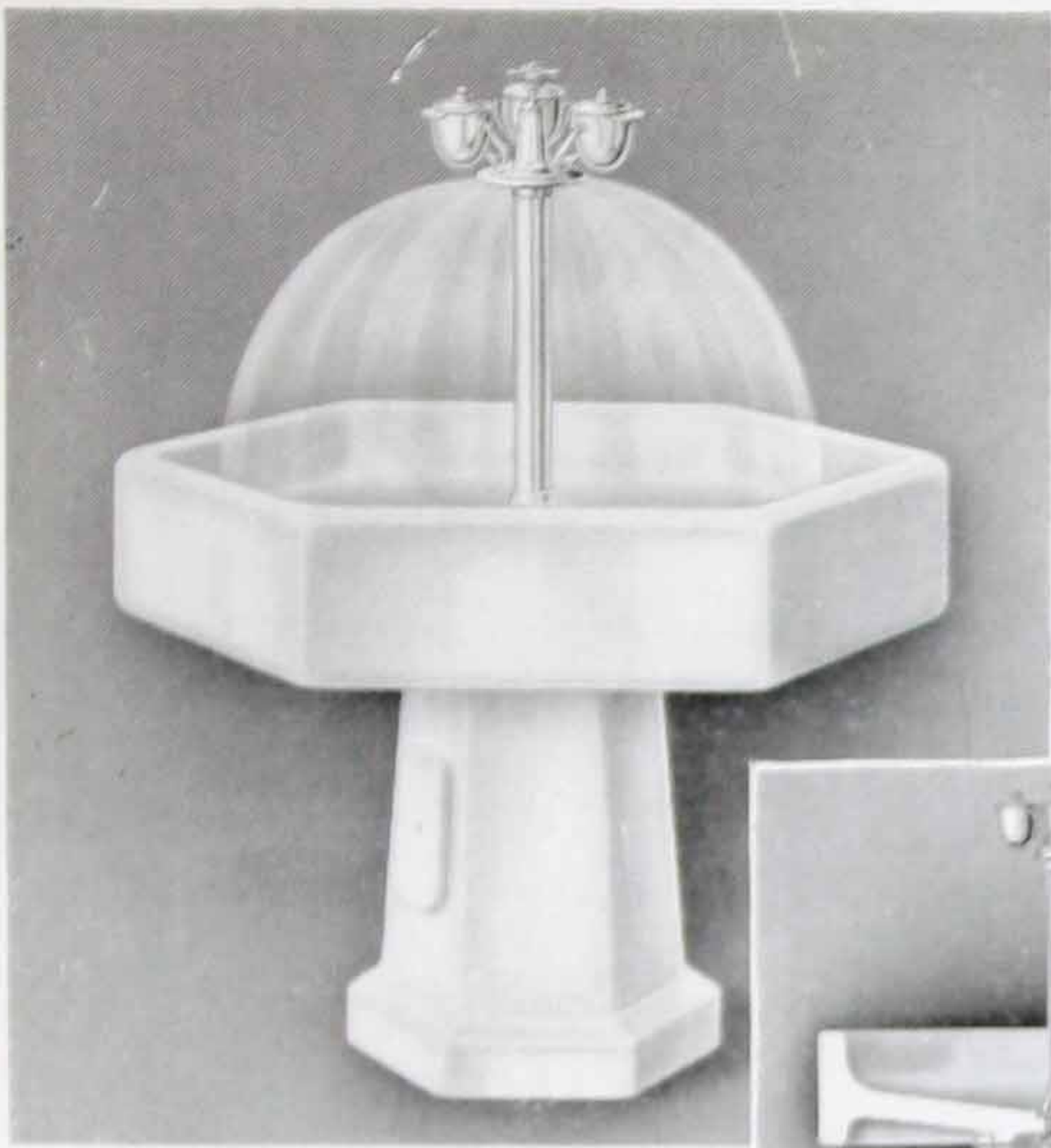
White-glazed Heavy Fireclay

Comprising basins each with soap tray, corner tap holes, sloping back skirting, slot overflow and loose overlap joints ; ½ in. chromium-plated hot and cold pillar taps, 1¼ in. waste fittings with plugs, chains, and stays, 1¼ in. galvanized steel or copper vertical discharge pipes with wall clips. Painted or white porcelain enamelled brackets with centre pillar legs. Supplied either in range form or with glazed ends for fixing singly.

Overall Size (each basin) :

15 in. × 13 in.

Suitable block floor channel can be supplied if required.



No. B 6008

ISLAND WASHING FOUNTAIN

Heavy white fireclay basin and pedestal with cover plate. Combined supply and waste fitting with wave, control tap, supply column, outlet grating, and liquid soap containers. Fittings chromium plated.

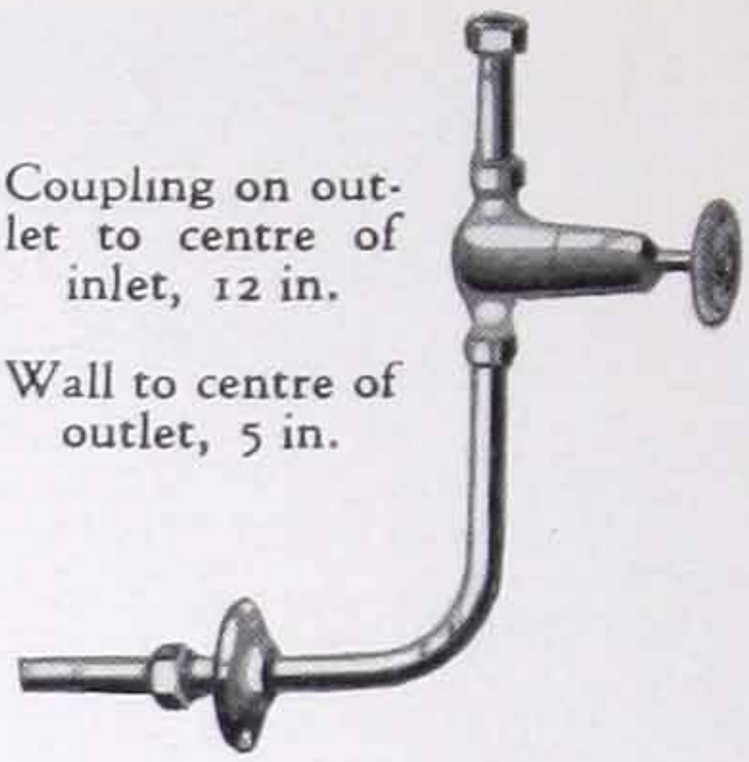
Diameter of basin	39 in.
Height to rim of basin	32 in.

The supply column is arranged to deliver water in the form of a continuous wave, adjustable by means of a control tap at the top. Outlet grating is formed around the base of supply column. Supply and waste pipe unions whilst concealed in pedestal are readily accessible on removal of cover plate.

Also supplied to order with separate taps instead of wave.

Coupling on outlet to centre of inlet, 12 in.

Wall to centre of outlet, 5 in.

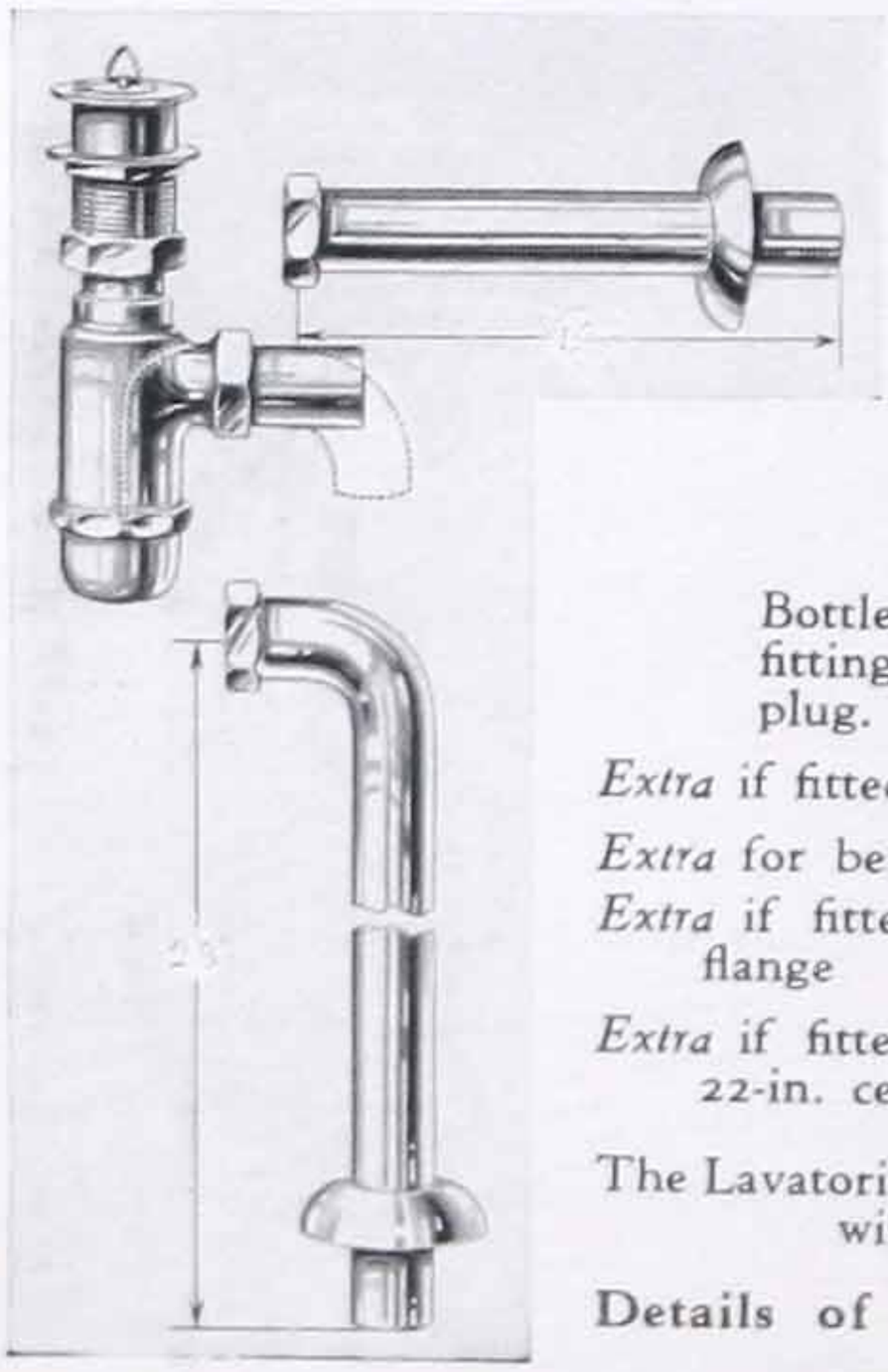


No. B 4485
WALL PATTERN LAVATORY SUPPLY PIPES
With E.C. wheel valves, coupling nuts and wall flanges; inlets having coupling nuts and tails for lead.
Chromium plated.
½-in. bore × 18 wg.

No. B 4486
As No. B 4485, but without wheel valves.
Also supplied without coupling nuts and tails for lead on inlets

No. B 4483
LAVATORY SUPPLY PIPES
With coupling nuts and floor flanges, Chromium plated.
½-in. bore × 30-in. × 18 wg.
Extra if with coupling nuts and bent tails for lead on inlets.

No. B 4484
LAVATORY SUPPLY PIPES.
With ½-in. E.C. wheel valves, coupling nuts and floor flanges; inlets having coupling nuts and bent tails for lead.
Chromium plated.
½-in. bore × 30-in. × 18 wg.
Also supplied without coupling nuts and bent tails for lead on inlets



No. B 4487
CHROMIUM-PLATED BRASS BOTTLE TRAP
With 1½-in. seal, inlet screwed 1¼-in. female gas, coupling nut and straight tail for lead on outlet

No. B 4488
Bottle trap, as above, but complete with waste fitting, having back nut, washer and vulcanite plug. Waste screwed direct into trap

Extra if fitted with coupling nut between trap and waste

Extra for bent tailpiece

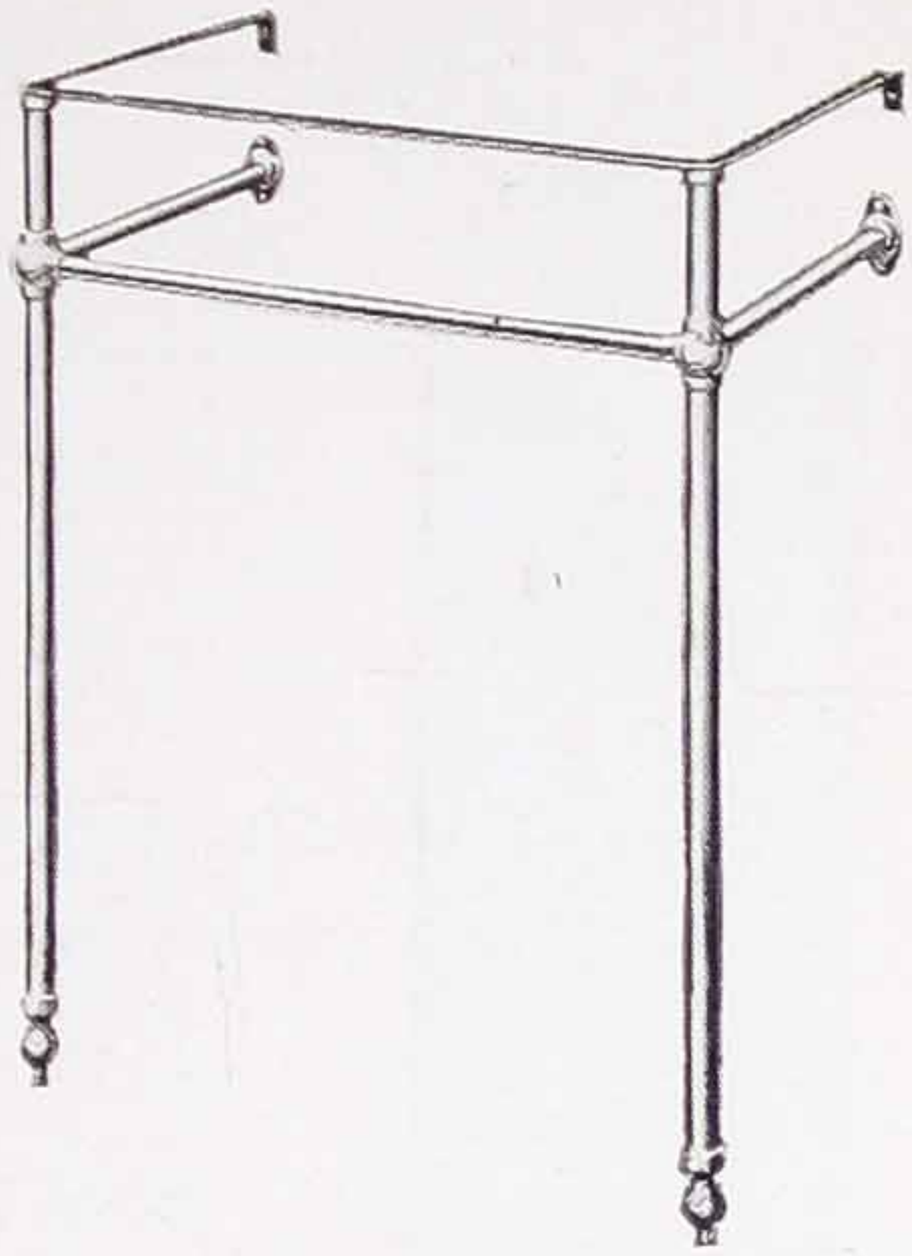
Extra if fitted with 10-in. outlet pipe to wall and wall flange

Extra if fitted with outlet pipe to floor and floor flange. 22-in. centre to end

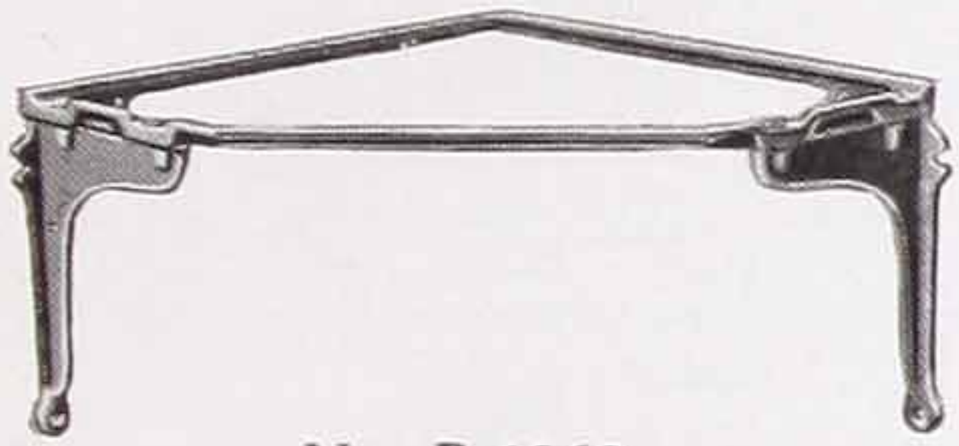
The Lavatories illustrated on previous pages are *not* supplied with the above bottle trap as standard.

Details of further types of bottle traps will be found on page 144.

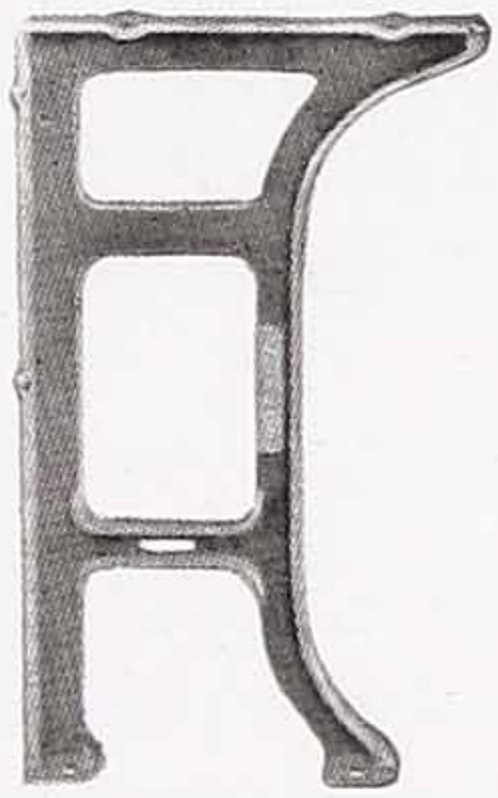
No. B 1269
CAST-IRON STAND
Plain-painted ; with front towel rail.
Sizes : 22 in. × 16 in., 25 in. × 18 in.



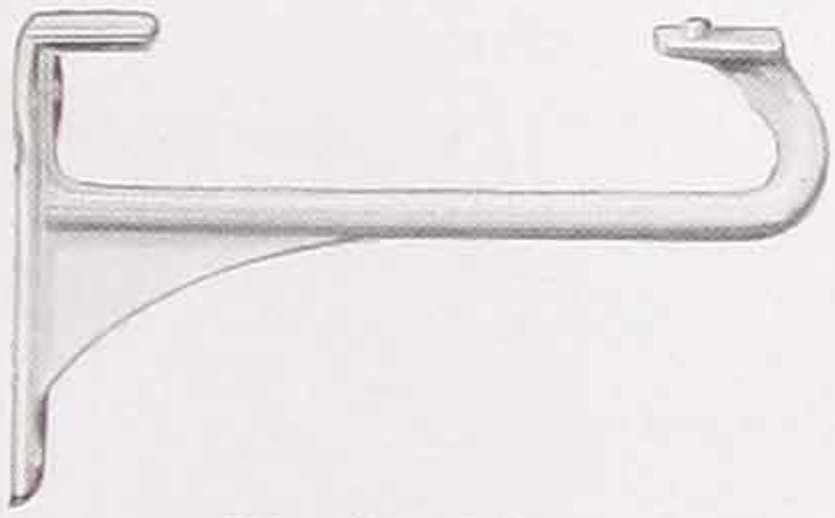
No B 1266
BRASS STAND
Chromium-plated
½ in. rails. ¾-in. legs to floor
To suit all standard basins.



No. B 1262
CAST-IRON FRAME AND BRACKETS
Plain painted ; for angular Basins·
24 × 18 in. 27 × 20 in. 30 × 22 in.



No. B 1250
STANDARD
Beanco Pattern
Plain-painted cast-iron.
Height, 27 in. Top, 16 in.
Bottom, 13¼ in.



No. B 1264
CAST-IRON TOWEL RAIL BRACKET
To suit all Standard Lavatories.
White porcelain-enamelled.
Coloured porcelain-enamelled
Plain painted.

No. B 1263
CAST-IRON CANTILEVER BRACKET
4½-in. end for building into wall, plain-painted.
14 15 16 17 18-in. projection

No. B 591 THE VEL-SPA WATER SOFTENER

Comprising all-welded steel cylinder tested to 300 lbs. hydraulic pressure, finished externally in green enamel, but other colours can be supplied on request. Rust-proofed inside and out by the hot galvanizing process, and all fittings, filters, caps, etc., are made of bronze.

The New Single Control Valve operates all controls with one movement.

Model	Output on 16° Galls.	Cylinder Size	Salt per Regeneration lbs.
L 4 (S)	460	31½ × 9½	5
L 5 (S)	600	38 × 9½	6
L 6 (S)	750	42 × 9½	7
L 7 (S)	1000	44 × 12	8
L 8 (S)	1600	53 × 12	13
L 9 (S)	2200	52 × 15	20
L 10 (S)	3650	56 × 18	30

To Select a Suitable Model

The use of Washing Machines, extra basins, taps, etc., in the modern home has increased the use of water and it now stands at 35 gallons per person per day throughout the country generally as a maximum consumption.

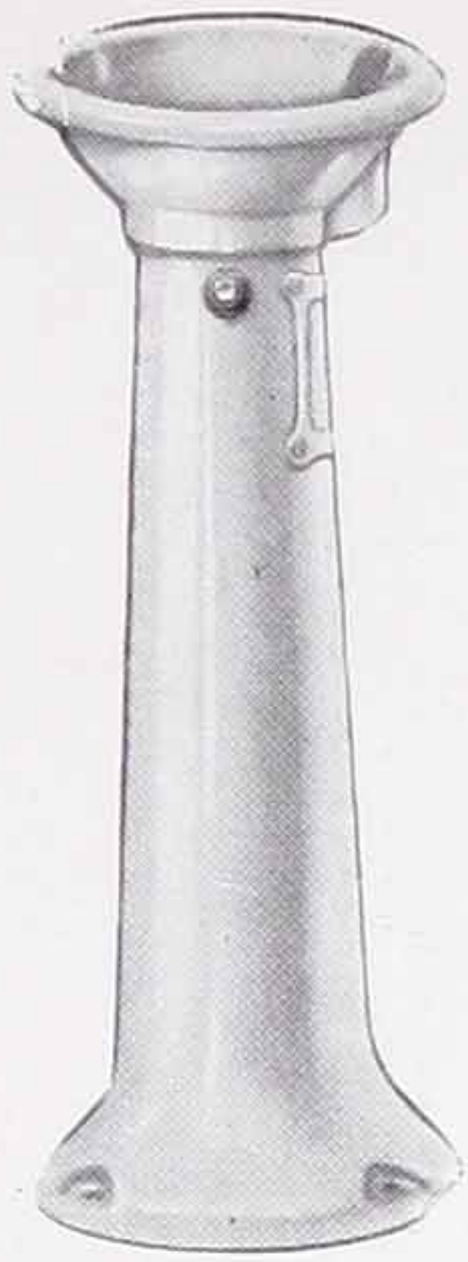
Assuming a district water supply to be 16° hard, a family of four people would use some 100 gallons per day, and a Model L7 would cover their needs for one week between regeneration. A model L3 would require regeneration every four days or so under the circumstances.

The larger the Model that can be purchased originally, the more economy in time and depreciation is ensured, and a generous reserve is provided for visitors.

The life of the bed is normally 8 to 10 years, and after this period is very simply renewed, bringing output back to normal.

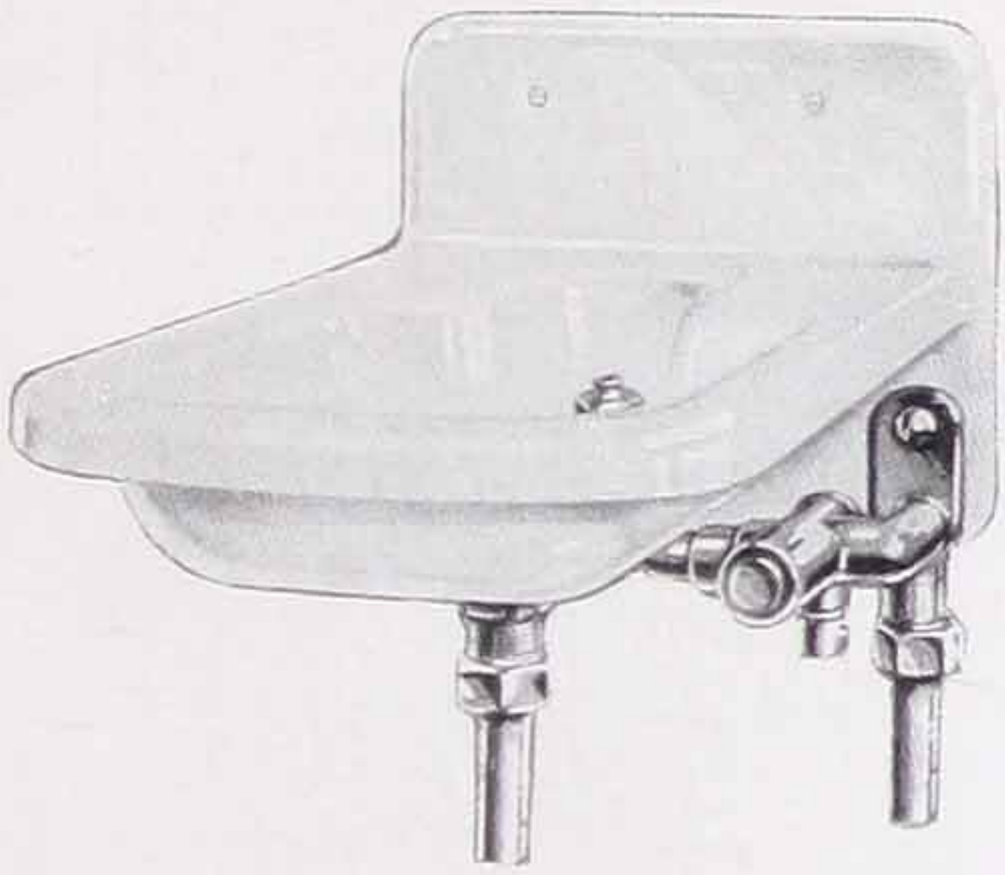
No. B 2164

PEDESTAL DRINKING FOUNTAIN



Cast-iron with non-concussive push tap and sloping jet, control stop-cock and hand access door. Fittings polished or chromium-plated.

Bowl can be supplied plain-painted, galvanized, or white porcelain-enamelled, and the pedestal can also be supplied in any of these finishes, i.e., W.P.E. bowl, plain-painted pedestal, etc., etc.



No. B 2163

BRACKET DRINKING FOUNTAIN

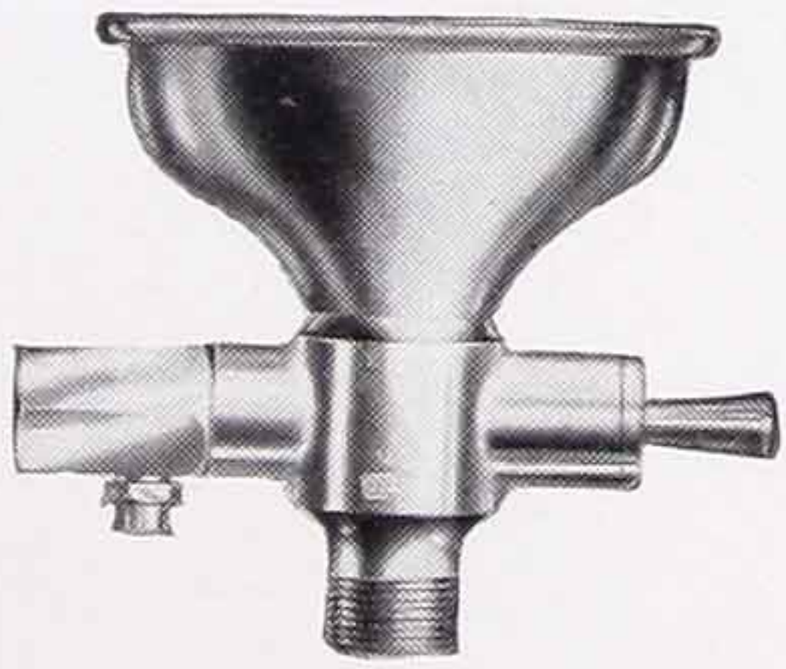
Cast-iron white porcelain-enamelled with non-concussive push tap, waste grating and coupling for ½ in. lead pipe ; brasswork either polished or chromium-plated. Projection 14 in., width 8 in.

Note.—Height of jet can be regulated and the fountain is so arranged that the water cannot fall back on the jet nozzle.

No. B 6385

A.B.M. PURAQUA DRINKING FOUNTAIN

Chromium-plated brass with 5 in. diameter catchment bowl, single stream jet with anti-splash device and double spring-operated universal lever valve with volume regulating screw. Inlet ½ in., outlet ¾ in. Can also be supplied with raised nozzle and lip guard which lifts the level of the fresh water supply above the top of the bowl. When ordering, please state which type is required.

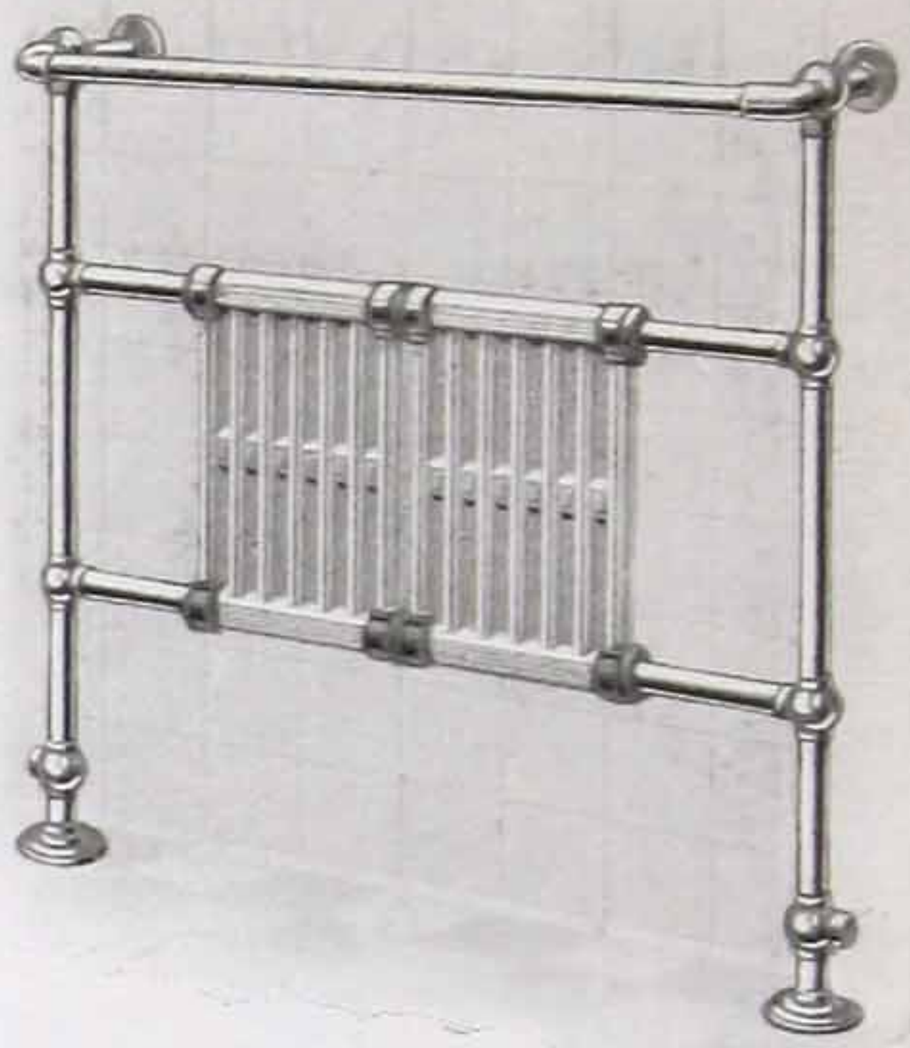


No. B 5019. TOWEL AIRER

Chromium-plated round tubes.

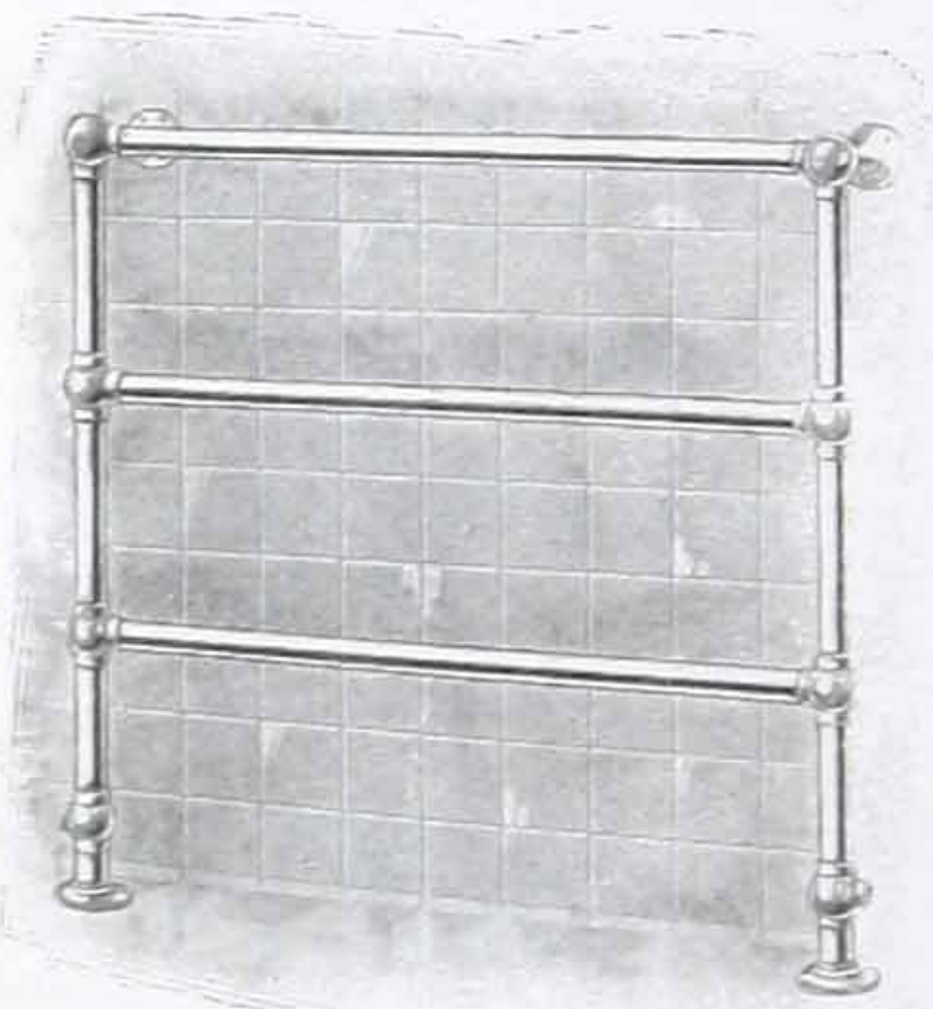
Size: Height 36 in.; Length 36 in.

1 in. Tubes or 1¼ in. Tubes



No. B. 5021. TOWEL AIRER
With Radiator.

Chromium-plated 1¼ in. round tubes with wall supports.
Radiator silver sprayed.
Sections can be supplied. Bower-barffed if required.
Size: Height 36 in.; Length 36 in.



No. B 4093. TOWEL AIRER

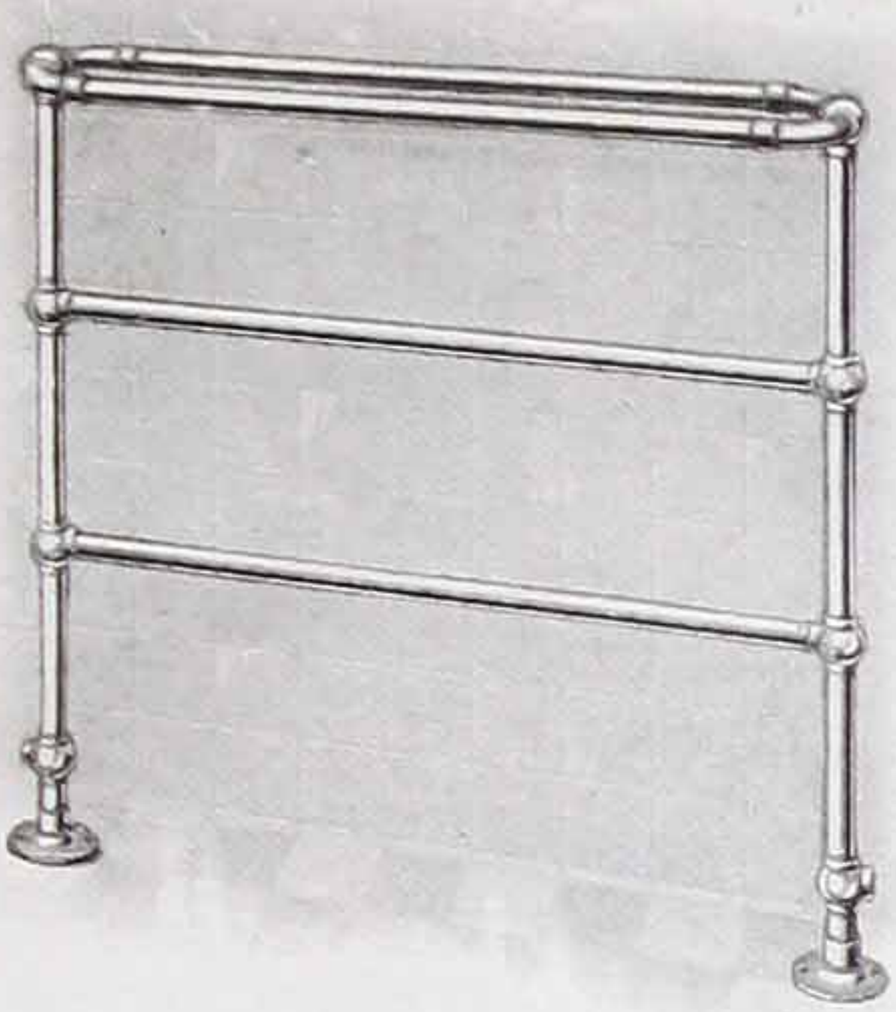
Chromium-plated round tubes with wall supports.

Size: Height 36 in.; Length 36 in.
1 in. Tubes or 1¼ in. Tubes.

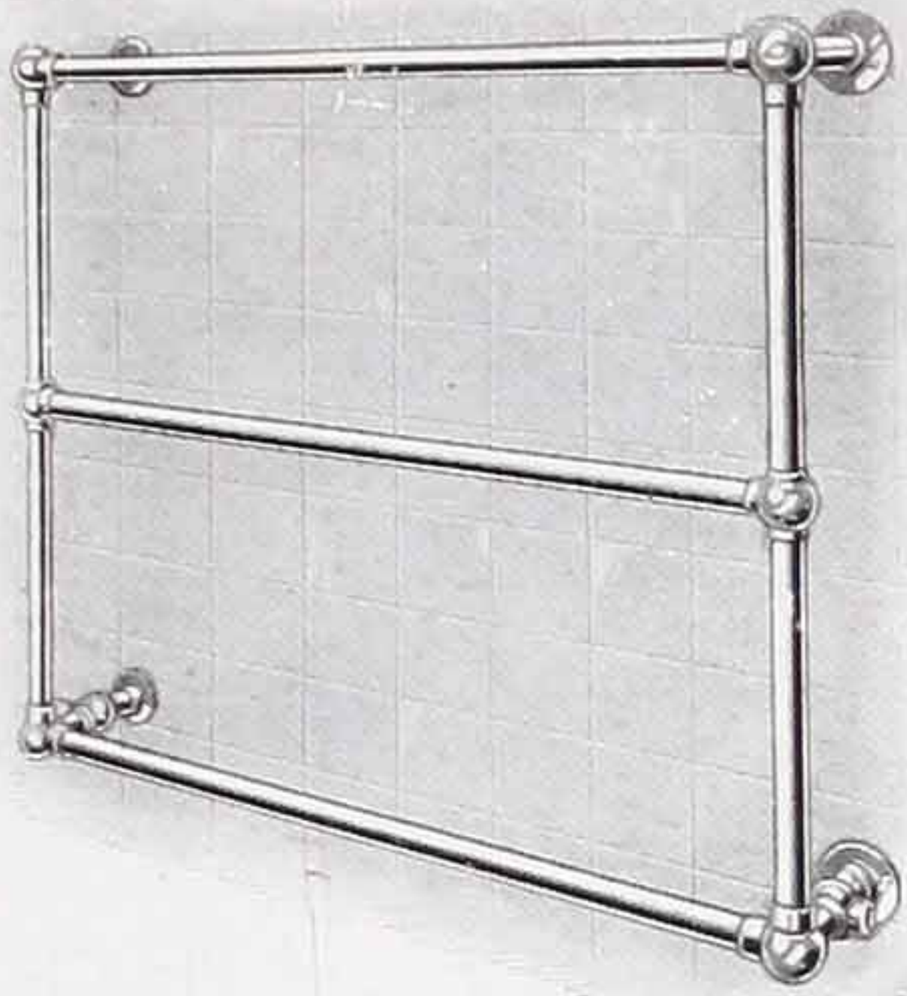
No. B 4107. TOWEL AIRER
Chromium-plated hexagonal tubes.
Double top rail.
Size: Height 36 in.; Length 36 in.
1¼ in. Tubes.

No. B 4094, as above but with single top rail.

We can also supply Towel Airers 30 in. or 24 in. long. Details on request.

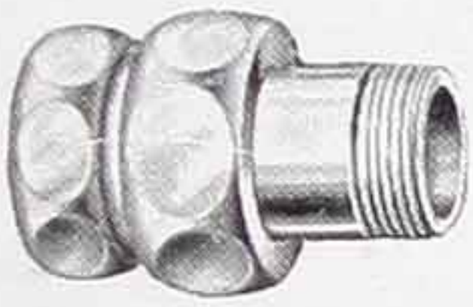


No. B 5020
TOWEL AIRER
Chromium-plated round tubes.
Double top rail.
Size : Height 36 in. ; Length 36 in.
1 in. or 1¼ in. Tubes

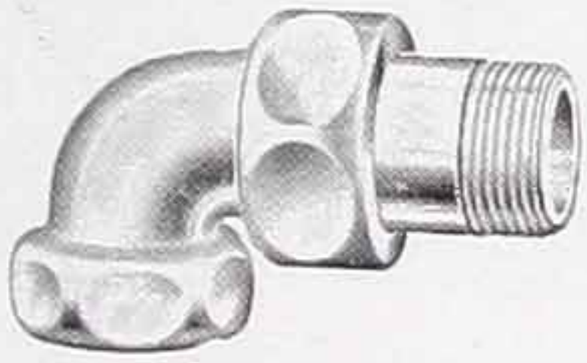


No. B 4092
TOWEL AIRER
Chromium-plated round tubes
for wall fixing.
Size : Height 30 in. ; Length 36 in.
1 in. or 1¼ in. Tubes

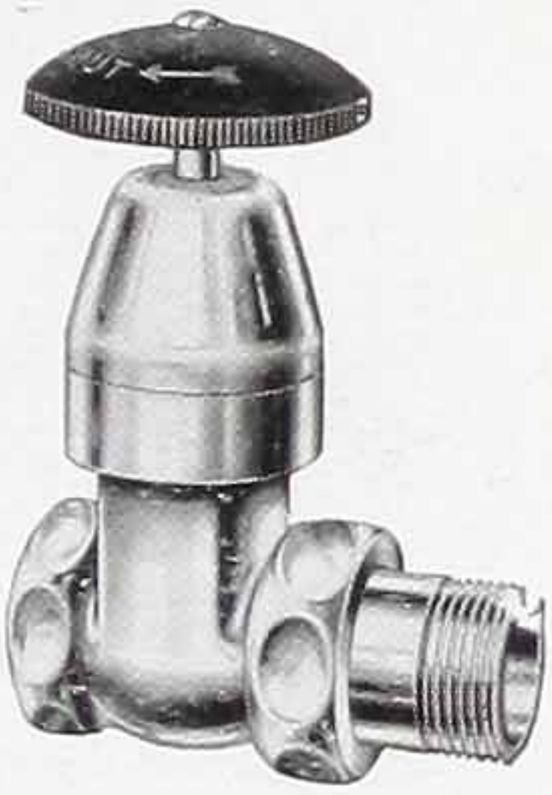
No. B 4116



No. B 4119



No. B 4118



No. B 4117

CHROMIUM-PLATED SMOOTH-BODY VALVES AND UNIONS
For Towel Airers. ¾ in. size.

No. B 4125

SPLIT FLOOR FLANGES
To fit round the pipe connections to Towel Airers.
Diameter, 2½ in. Chromium-plated.

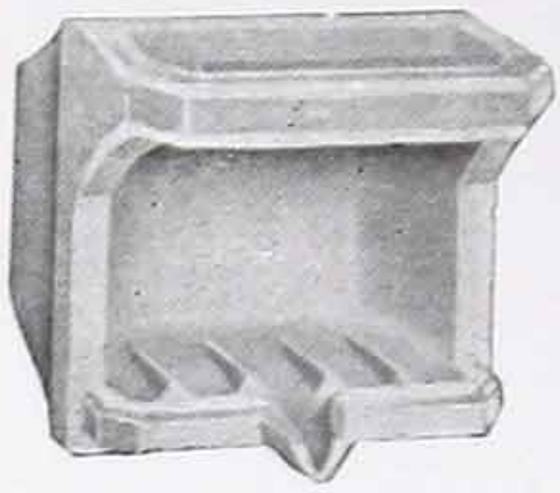
No. B 4120

WALL STAYS For Towel Airers.
To give distances up to 8 in. from wall to centre of tube.
When ordering, state distance required.

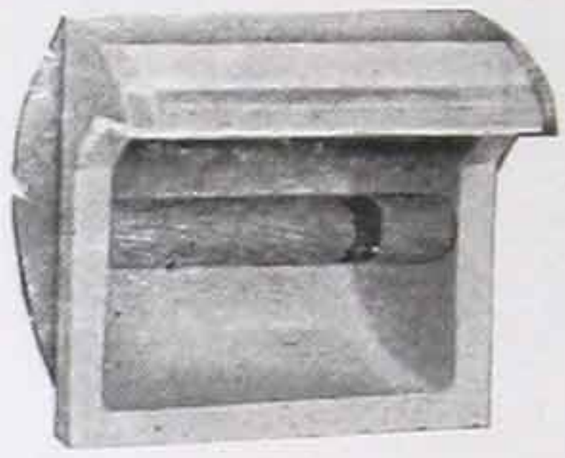
RECESSED FITTINGS

WHITE OR COLOURED

For Building in. Commercial Quality Glazed Earthenware

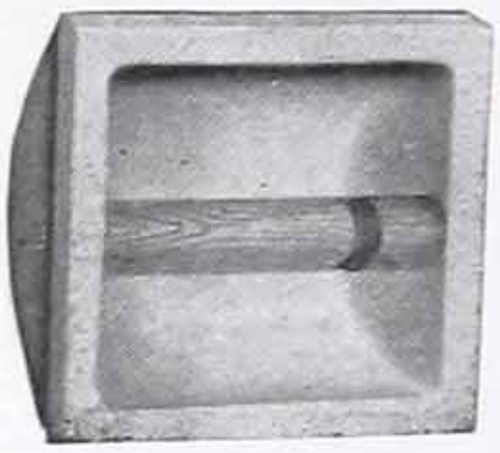


No. B 4490
Tongue-Lipped Grip
Soap Holder 6 × 6-in.



No. B 4491
Hooded Toilet-Paper
Holder With Wooden
Spring Roller. 6 × 6-in.

No. B 4492
Tongue-Lipped
Soap Holder 6 × 6-in.

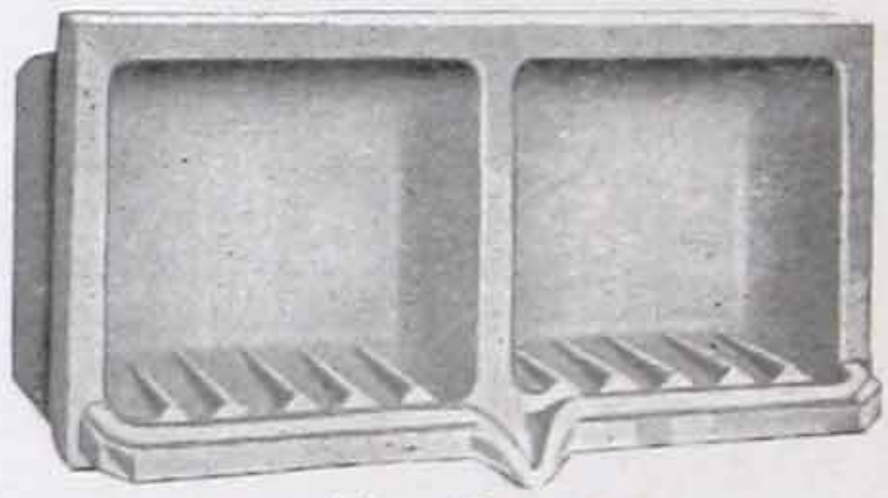


No. B 4493
Plain Toilet-Paper
Holder
Wooden Spring Roller.
6 × 6-in.

No. B 4494
Tongue-Lipped Deep Sponge
and Soap Holder 12 × 6-in.

No. B 4495
Plain-Lipped
Soap Holder
6 × 6-in.

No. B 4496
Tongue-Lipped Sponge and
Soap Holder
Without Partition. 12 × 6-in.



No. B 4497
Tongue-Lipped Sponge and
Soap Holder 12 × 6-in.

No. B 4498
Tongue-Lipped Grip Sponge
and Soap Holder
Without Partition. 12 × 6-in.

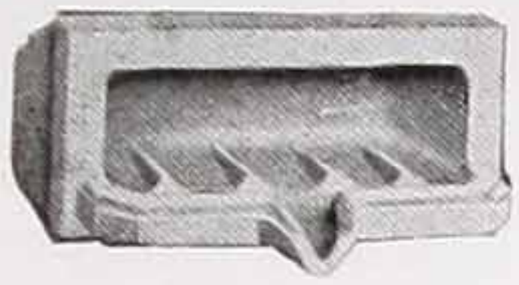
No. B 4499
Tongue-Lipped Grip Sponge and
Soap Holder 12 × 6-in.

RECESSED FITTINGS

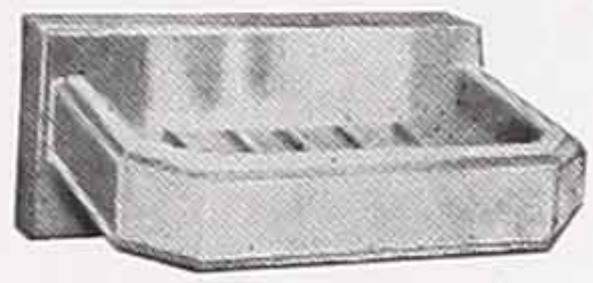
WHITE OR COLOURED

For Building in **Commercial Quality Glazed Earthenware**

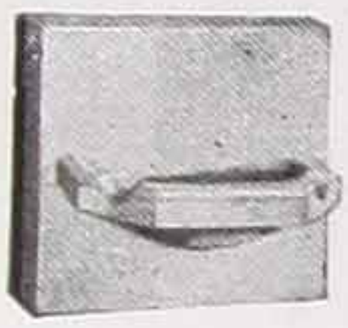
No. B 4500
Plain-Lipped Soap Holder 6 × 3 in.



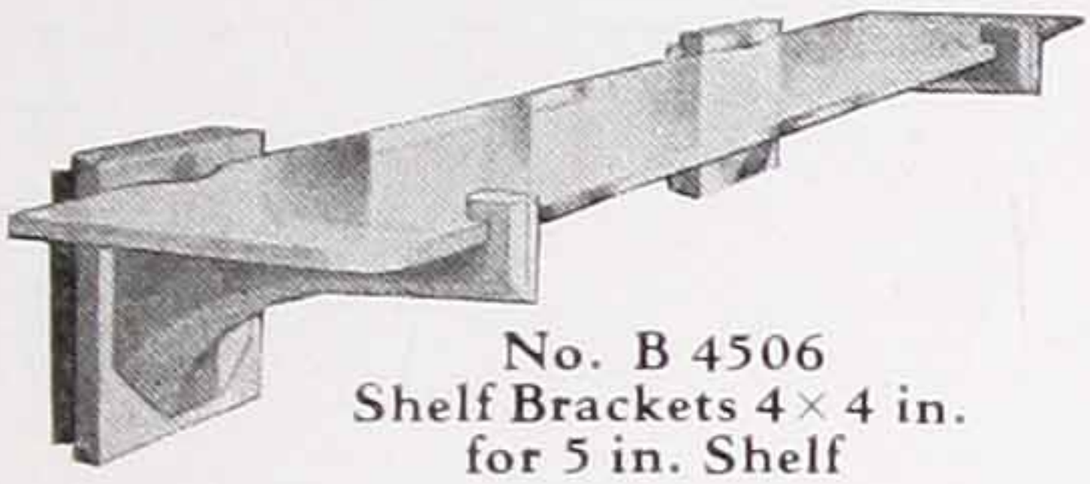
No. B 4501
Tongue-Lipped Soap Holder 6 × 3 in.



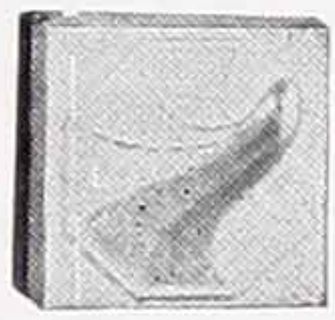
No. B 4502
Plain Soap Dish 6 × 3 in.



No. B 4503
Ashtray 4 × 4 in.

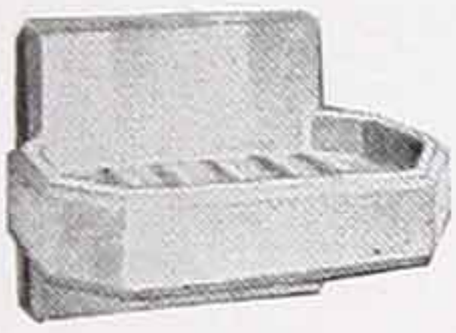


No. B 4506
Shelf Brackets 4 × 4 in. for 5 in. Shelf

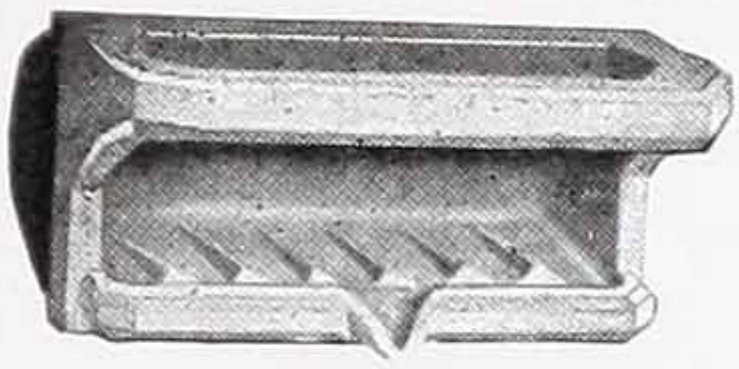


No. B 4505
Coat Hook 4 × 4 in.

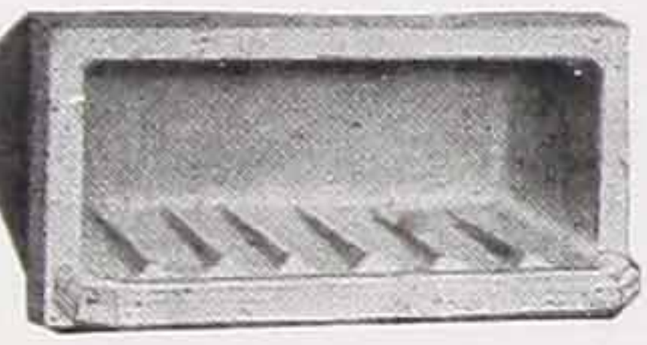
No. B 4507
Tongued Soap Dish 6 × 3 in.



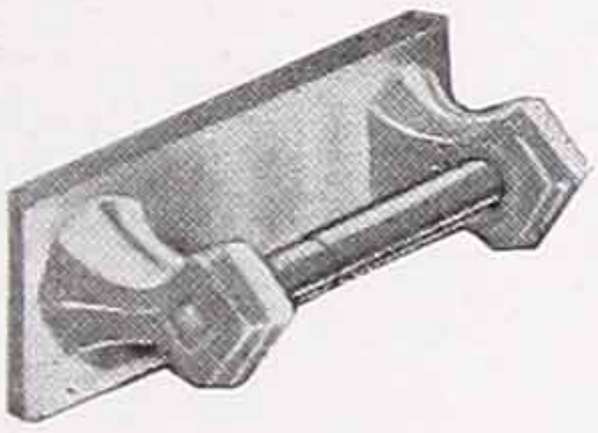
No. B 4504
Soap Dish 4 × 4 in.



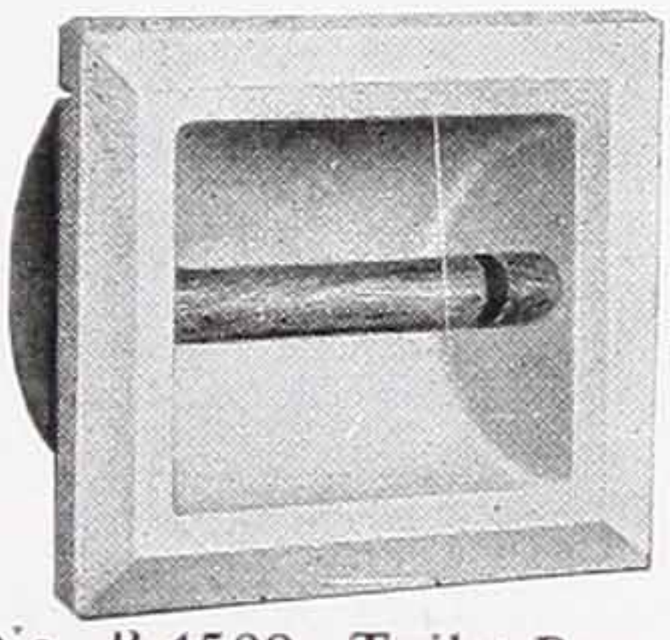
No. B 4508
Tongue-Lipped Grip Soap Holder 8 × 4 in.



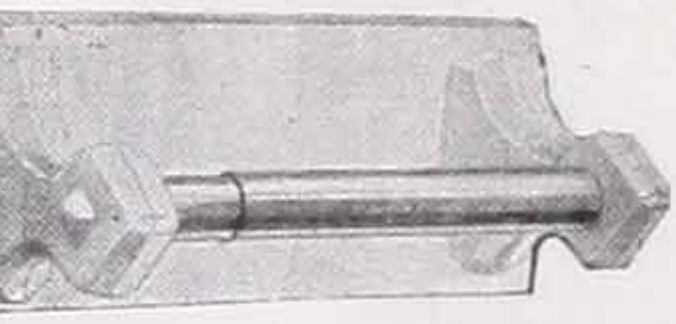
No. B 4510
Plain-Lipped Soap Holder 8 × 4 in.



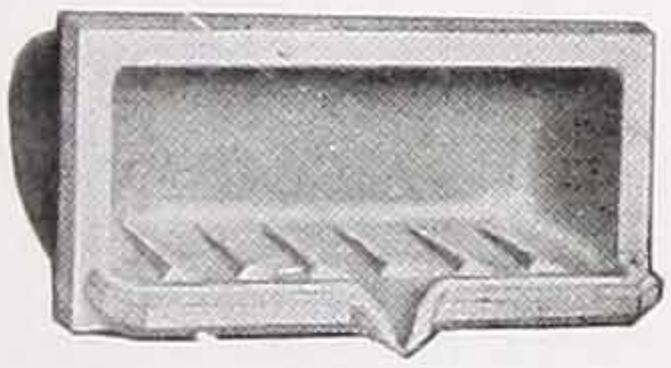
No. B 4512
Toilet-Paper Holder 9 × 3 in.
With Spring Wooden Roller



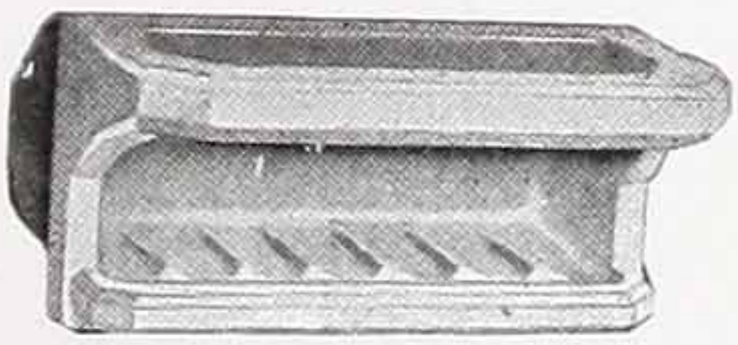
No. B 4509 Toilet-Paper Holder 8 × 8 in.



No. B 4513
Toilet-Paper Holder 8 × 4 in.
With Wooden Roller



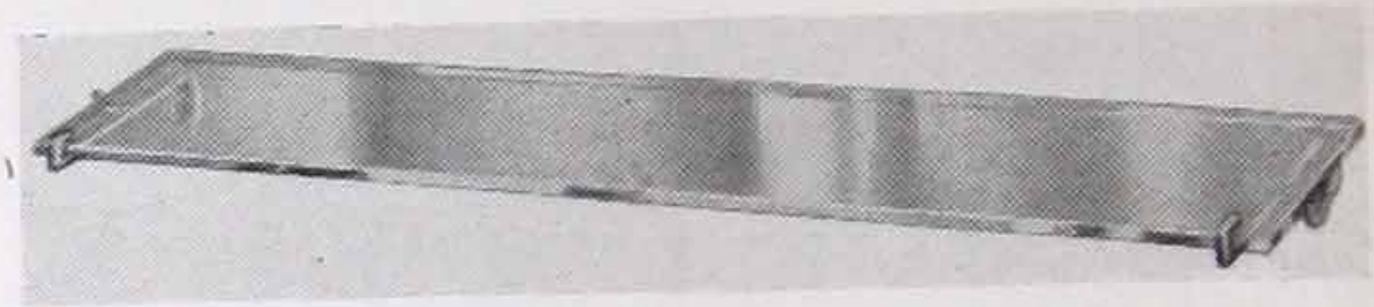
No. B 4514
Tongue-Lipped Soap Holder 8 × 4 in.



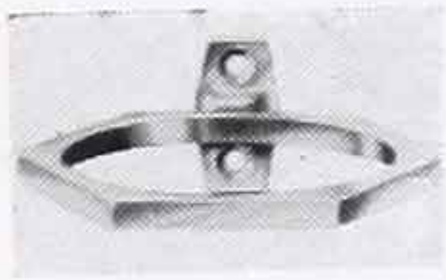
No. B 4511
Plain-Lipped Grip Soap Holder 8 × 4 in.

CHROMIUM-PLATED BATHROOM ACCESSORIES

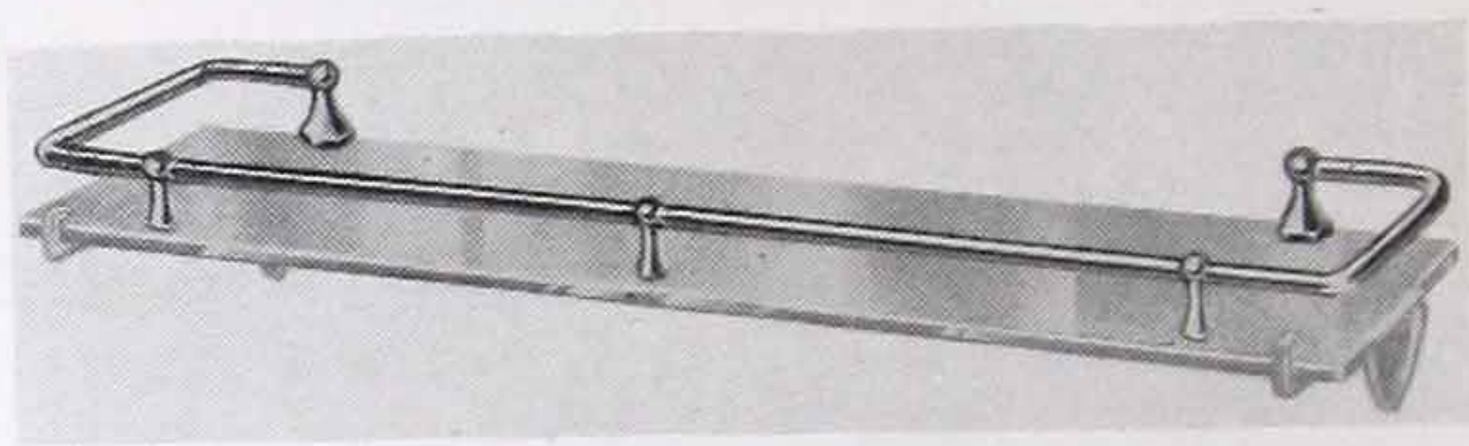
No. B 4073
ROBE HOOK



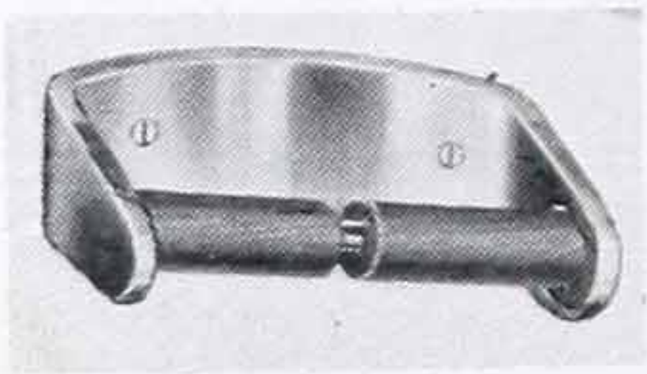
No. B 4071 SHELF and BRACKETS
Plate Glass Shelf 5 in. wide. Lengths 18, 21, 24 in.



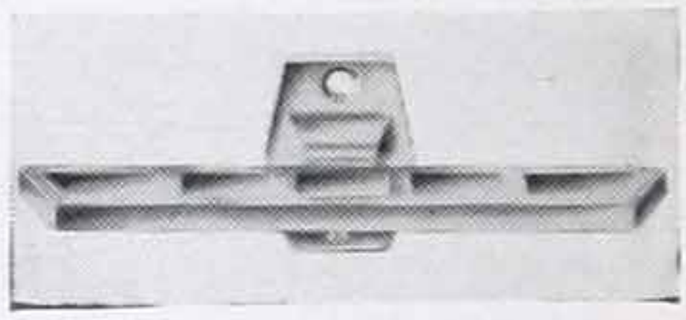
No. B 4069
TUMBLER HOLDER



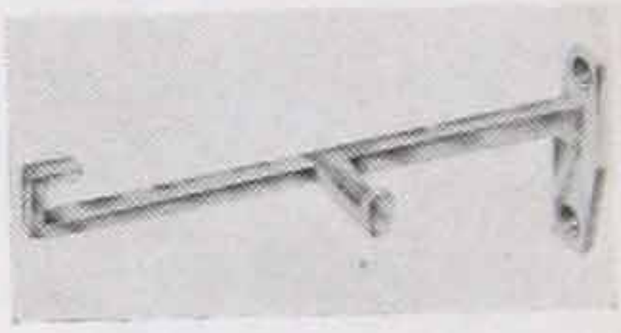
No. B 4072 SHELF and BRACKETS
With Guard Rail. Sizes as above.



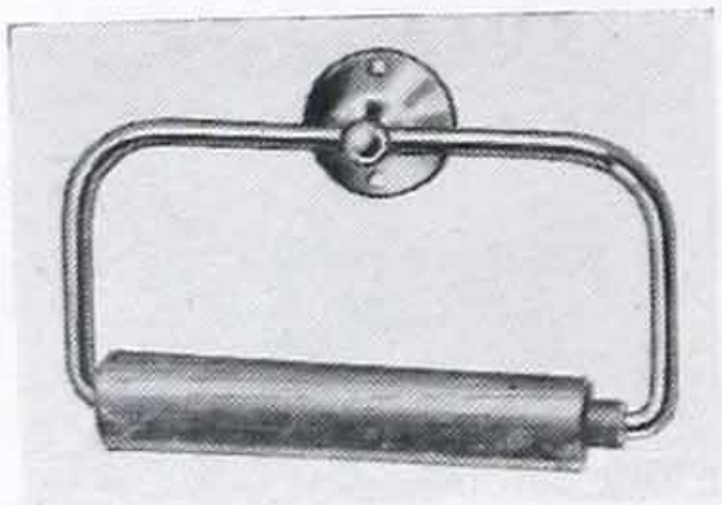
No. B 4077
"THIEF-PROOF"
TOILET PAPER HOLDER
Paper cannot be removed until roll is finished.



No. B 4070
TOOTH-BRUSH HOLDER

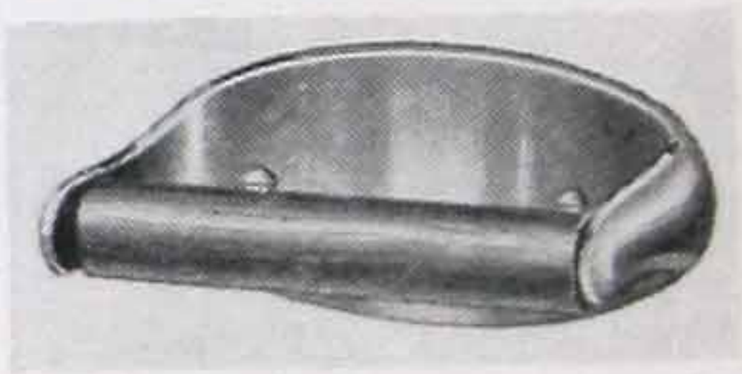


No. B 4074
SHELF BRACKET
With side lug to prevent shelf slipping.

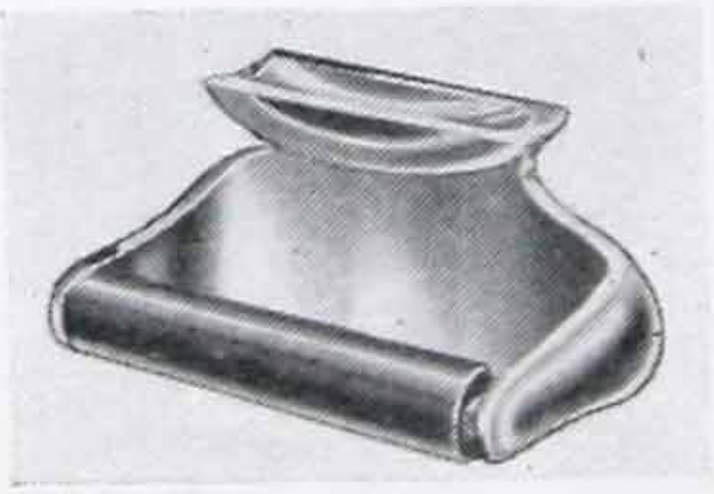


No. B 4075
TOILET PAPER HOLDER
¼ in. dia. Bracket and Spring Roller.

All fittings are sent out with suitable fixing screws



No. B 4076
TOILET PAPER HOLDER
Cast Bracket and Spring Roller.



No. B 4078
TOILET PAPER HOLDER
With Ashtray and Spring Roller.

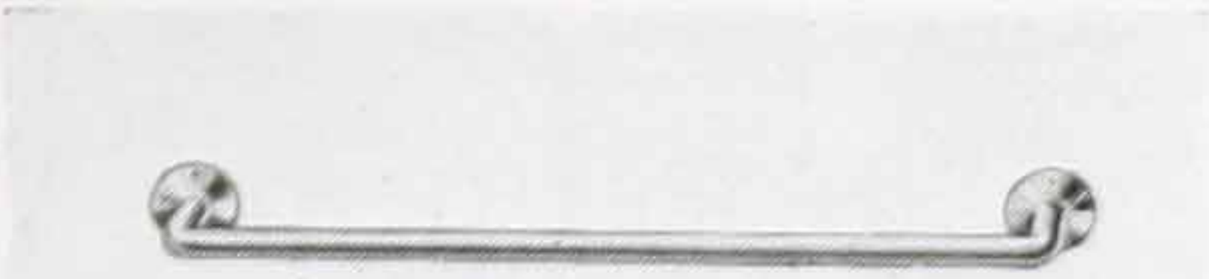
No. B 4079
TOILET PACK HOLDER
Black, Green, or Ivory Plastic.

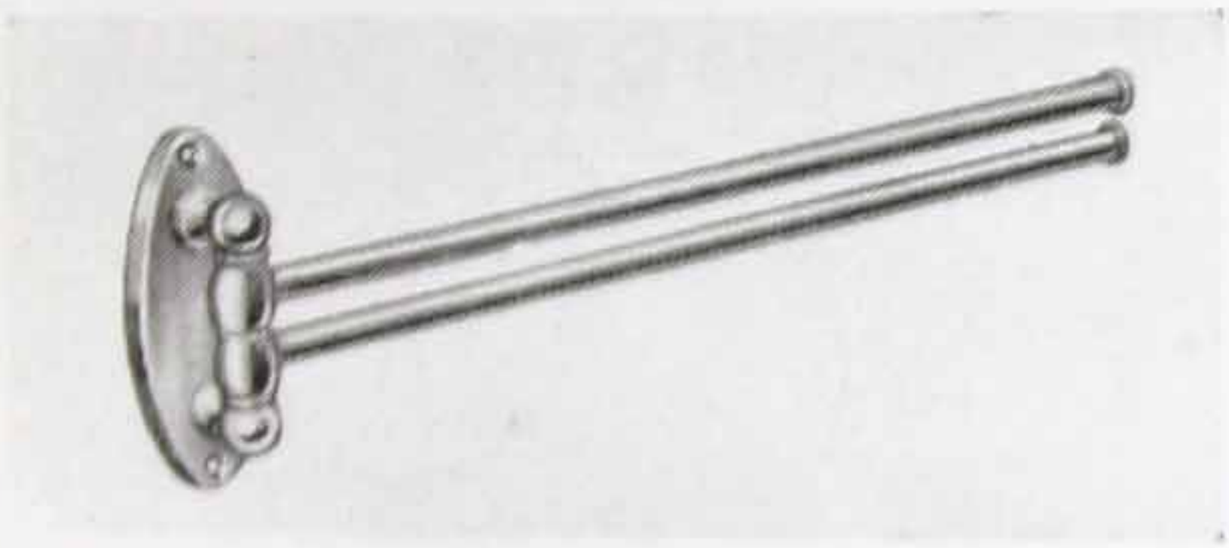
CHROMIUM-PLATED TOWEL AND GRAB RAILS

No. B 4063

BENT TUBE TOWEL RAIL

With wall plates, ⅝ in. dia., 3 in. projection. Lengths 18, 24, 30, 36 in.





No. B 4064

SWING WALL TOWEL RAIL

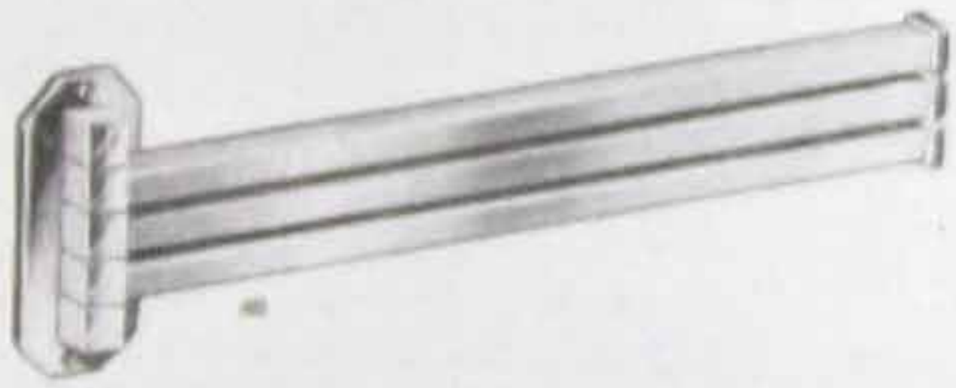
Round pattern, 15 in. projection. ½ in. dia. rails with spring bearings.

Single Rail, Double Rail (illus.) Triple Rail.

No. B 4065

TOWEL RAIL

With end posts and 1 in. dia. rail; Lengths 18, 24, 30, 36 in.



No. B 4066

SWING WALL TOWEL RAIL

Square pattern, 15 in. projection with ½ in. square rails and spring bearings.

Single Rail, Double Rail, Triple Rail (illus.)

No. B 4067

BATH GRAB RAIL

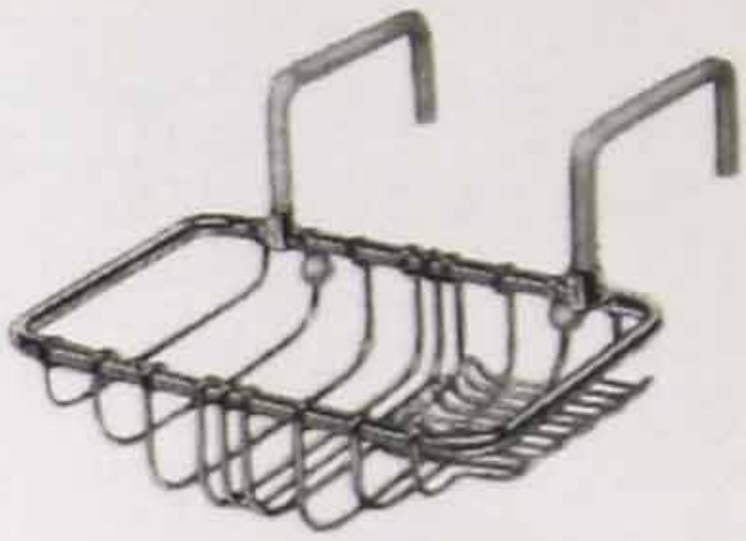
Length 9 in. over tube × 1 in. dia. Projection 2¾ in.

No. B 4068 ROLLER TOWEL RAIL
Heavy black synthetic tube roller 20 in. long × 2 in. dia.
Can also be supplied with lock and key.

SOAP and SPONGE TRAYS and BASKETS

No. B 4080

Chromium-plated
SOAP AND SPONGE BASKET
With rubber-covered hangers.
Size : 10½ × 5 × 2⅜ in.

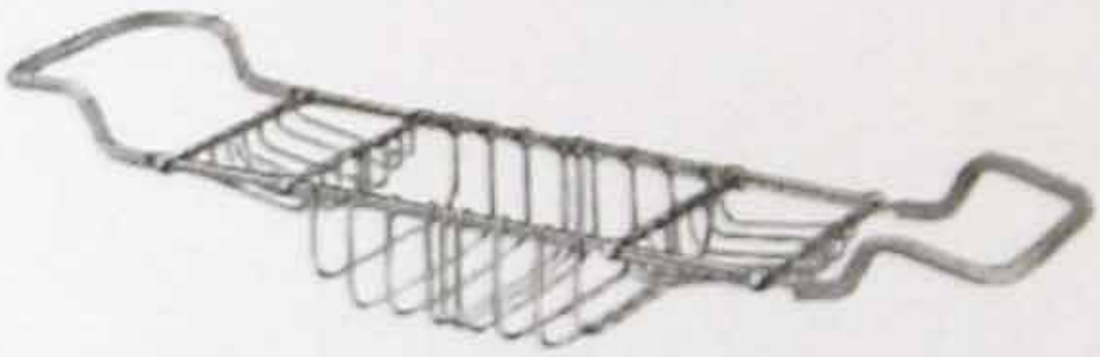


No. B 4081
Anodized aluminium
SOAP AND SPONGE BASKET
In green, gold, pink, or silver. Size : 9¼ × 6 × 2¼ in. This basket can be supplied in chromium-plated brass (extra).

No. A 5975
BATH RACK
Coated with hard smooth glossy plastic.
Size : 30 in. long, 8½ in. wide, 3 in. deep.

No. A 5976
BATH BASKET
Coated with hard smooth glossy plastic.
Size : 11¾ in. × 5 in. × 4 in. deep.

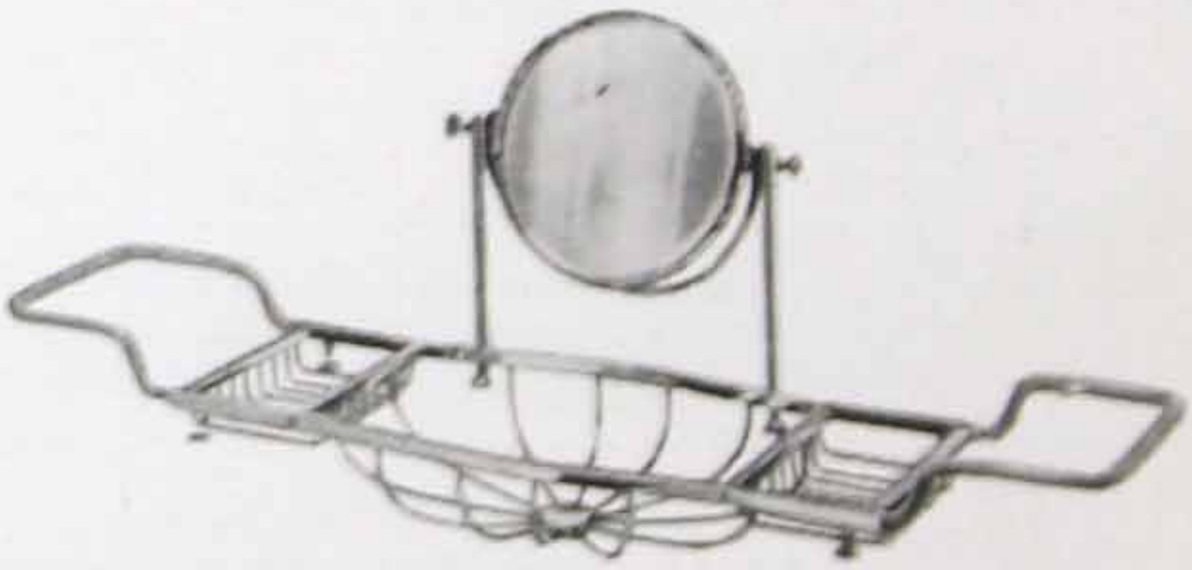
No. B 4082
Anodized aluminium
SOAP AND SPONGE TRAY
In green, gold, pink, or silver.
Length 26 to 31 in.; 6 in. wide; 3 in. deep.
This tray can be supplied in chromium-plated brass (extra).



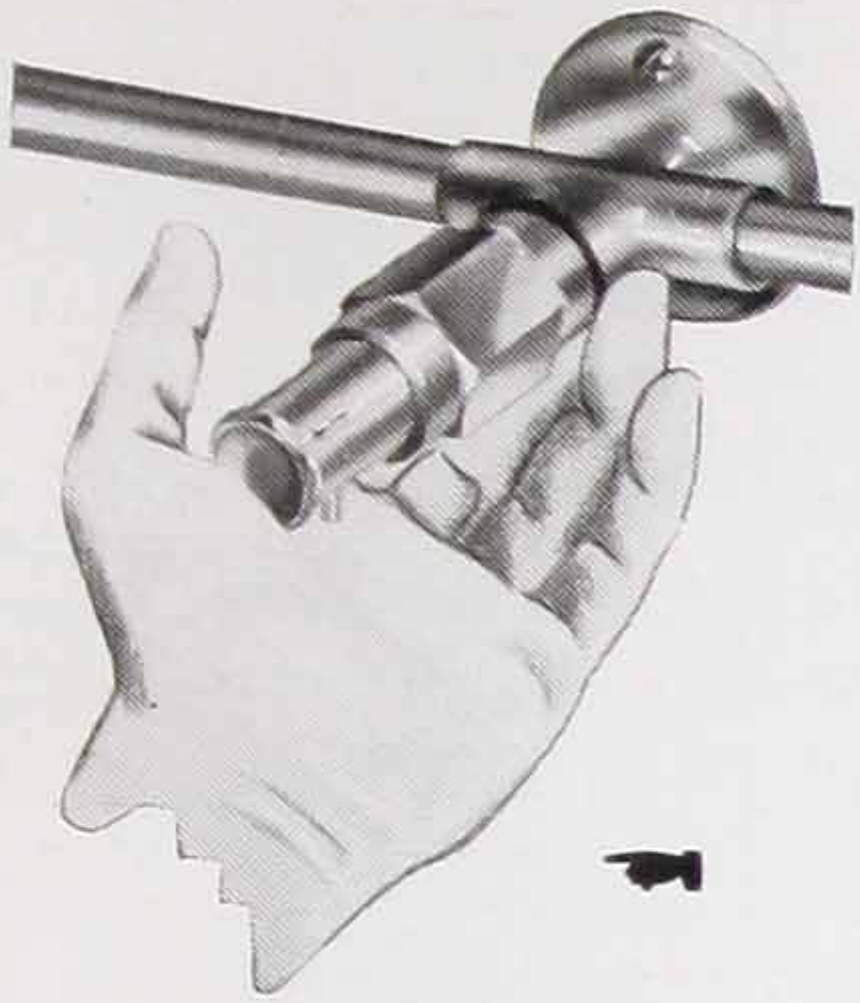
No. B 4083
Chromium-plated
ADJUSTABLE SOAP AND SPONGE TRAY
With double top frame.
Length 27 in. to 31 in., 7½ in. wide, 3½ in. deep.

No. B 4084
Chromium-plated
ADJUSTABLE SOAP AND SPONGE TRAY
With double-sided reversible mirror, one side for magnifying, one side plain.
Length 27¾ in. to 30½ in., 7¼ in. wide, 3 in. deep.

No. B 4085
Similar to above but without mirror and with perforated soap trays.



SOAP DISPENSERS

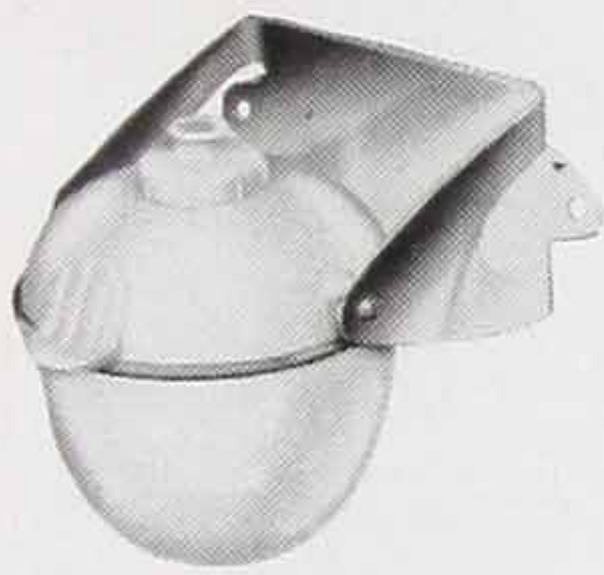


No. B 592 LIQUID SOAP LINE DISPENSER

With one depression of the valve, this fitting provides an adequate quantity of soap for normal purposes; it can be supplied to suit any number of basins, complete with pipe line, supply tank, and fittings. By using this system, a definite saving of soap is assured.

P 931 DISPENSER

Glass bowl type firmly secured by cement to black plastic top.



P 933 DISPENSER

Eminently suitable for positions where appearance is of importance, but where nozzle is not likely to be tampered with.

P 934 DISPENSER

This glass bowl is secured by screws and rubber washer making renewal of bowl, in case of breakage, very easy. Best quality chrome top and fittings.

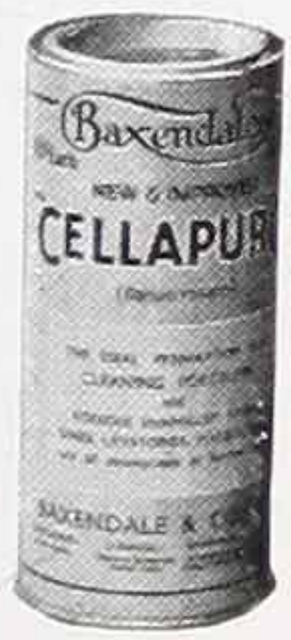
P 935 DISPENSER

Heavy type chrome plated on brass complete with fixing screws and key.

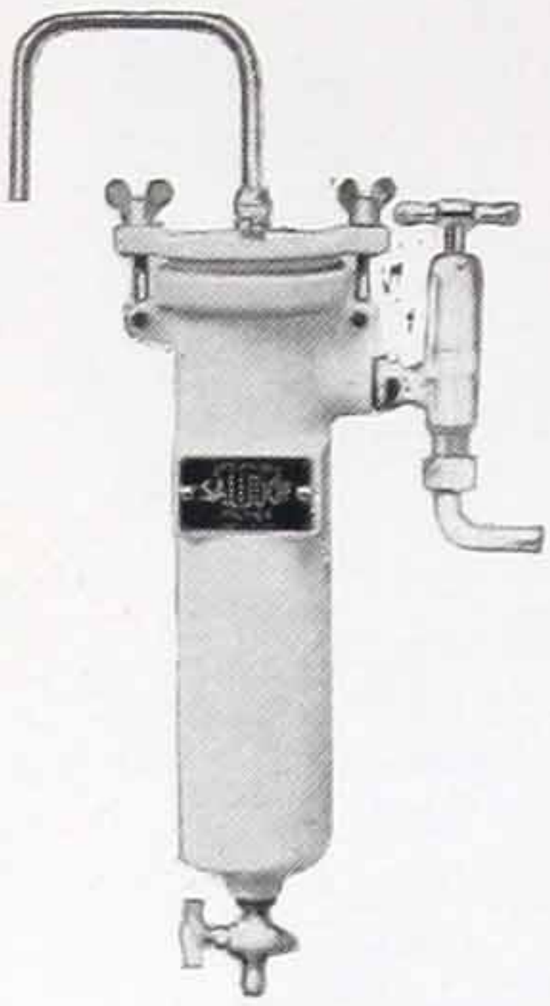
BEANCO LIQUID SOAP has many advantages as compared with the ordinary hard soaps in tablets or bars.
It is highly concentrated, and will not harm the most delicate skin.
It is particularly useful and adapted for **Welfare Departments, Public Institutions, Works, Hotels, Restaurants, Municipal and Commercial Offices. Doctors' and Dentists' Surgeries.**
Unlike hard soap there are no waste ends, and it is not left in the water to waste away.
Made up in 1-gall. tins, 5 and 10-gall. drums and barrels of approx. 40 galls.

CELLAPURO BATH CLEANSER

The ideal non-scratch cleanser for all porcelain and enamelled surfaces.
Prepared specially from our own formula—the outcome of many years actual experience.
The regular use of Cellapuro will maintain the bright appearance of all sanitary appliances.
Supplied in canisters for domestic use or in bags containing 7 lb. 14 lb. 28 lb. 56 lb. or in 1 cwt. casks. Suitable for institutions, works, restaurants, municipal and commercial offices.



KITCHEN AND BATHROOM ACCESSORIES



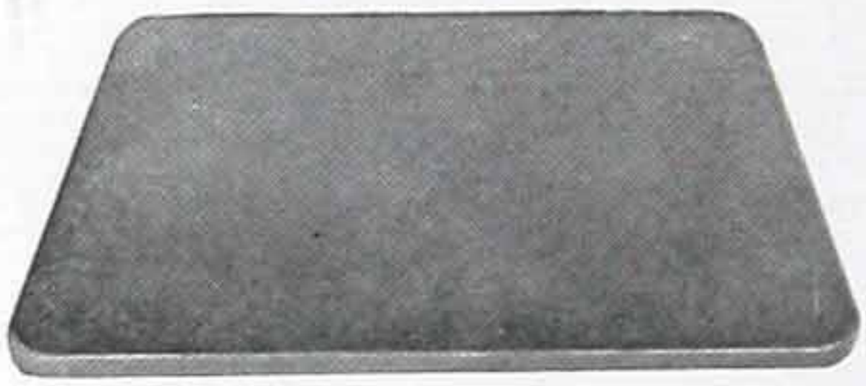
No. B 4151

PRESSURE FILTER

Suitable for all purposes where an output of about 25 gallons per hour is sufficient.

Enamelled white inside and outside and with chromium-plated fittings.

Spare cylinders (extra).

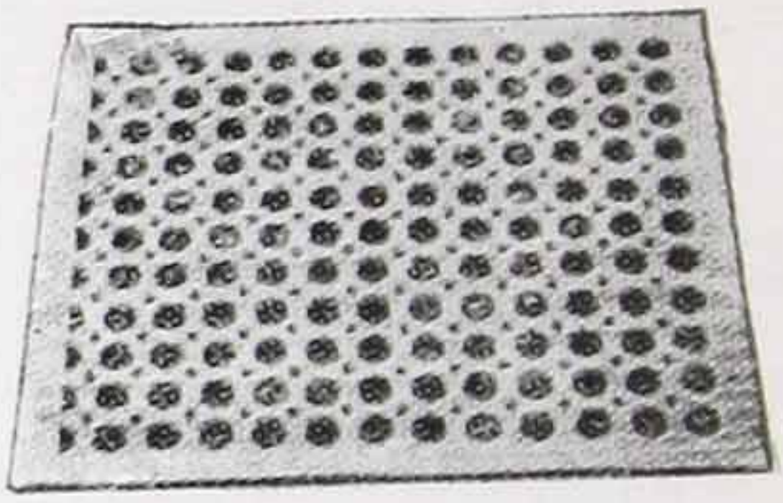


No. B 1487

COMPRESSED CORK BATH MAT

Rounded Edges.

24 × 18 × 1 in.

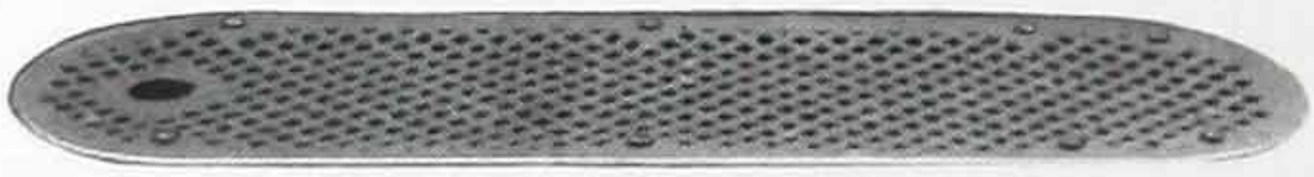


No. B 4223

INDIA-RUBBER SINK MAT

Extra heavy quality.

16 × 14 in. 14 × 12 in.
12 × 12 in.



No. B 1486

INDIA-RUBBER MAT FOR INSIDE BATH

With suction grips.

36 × 14 in. 42 × 14 in.

No. B 4170

BATH SEAT

Enamelled in white or standard colours, with rubber-covered hangers, chromium-plated metal parts.

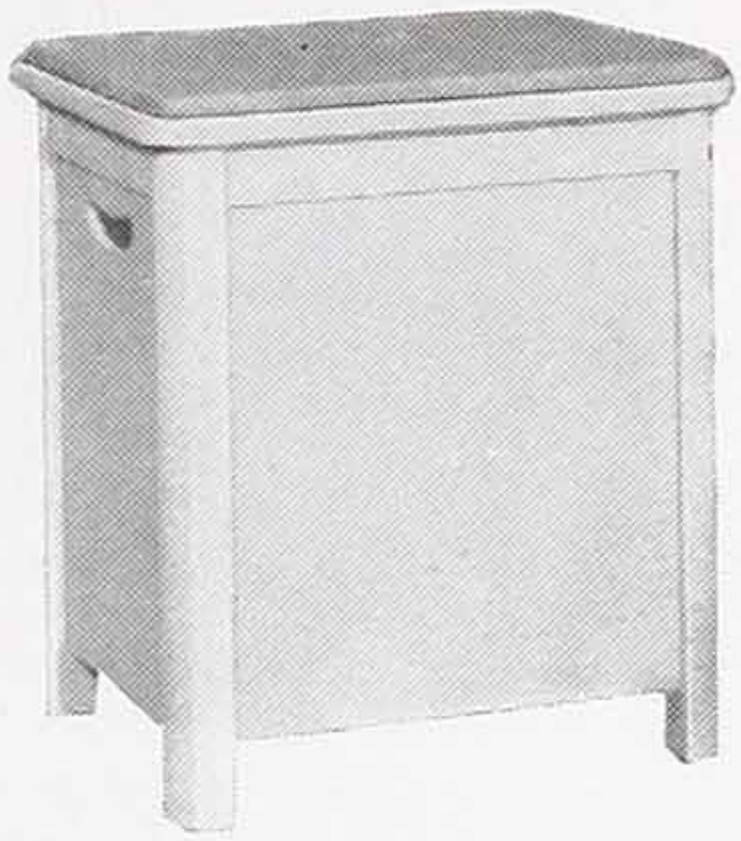
Size of Seat, 18 × 6 in.

BATHROOM ACCESSORIES

No. B 4087. BATH TRAY
In White or Black Plastic. Size : 29 × 7¼ in.
NOTE.—This tray is not suitable for baths measuring less than 21¾ in. inside width.

No. A 5972
SOAP AND SPONGE RACK
Made in Alkathene which is pliable and unbreakable.
8 in. wide; 8½ in. high; 5¼ in. long.
Colours : Natural, cream, green, and red.

No. A 5973
BATH EDGE SOAP AND SPONGE HOLDER
Made in Alkathene which is pliable and unbreakable.
6½ in. wide, 6 in. high, 5 in. long.
Colours : Natural, cream and green.



No. B 4185
WHITE-ENAMELLED WOOD LINEN BOX
With heavy cork seat.
Size : 15½ × 12½ in.; height 17 in.

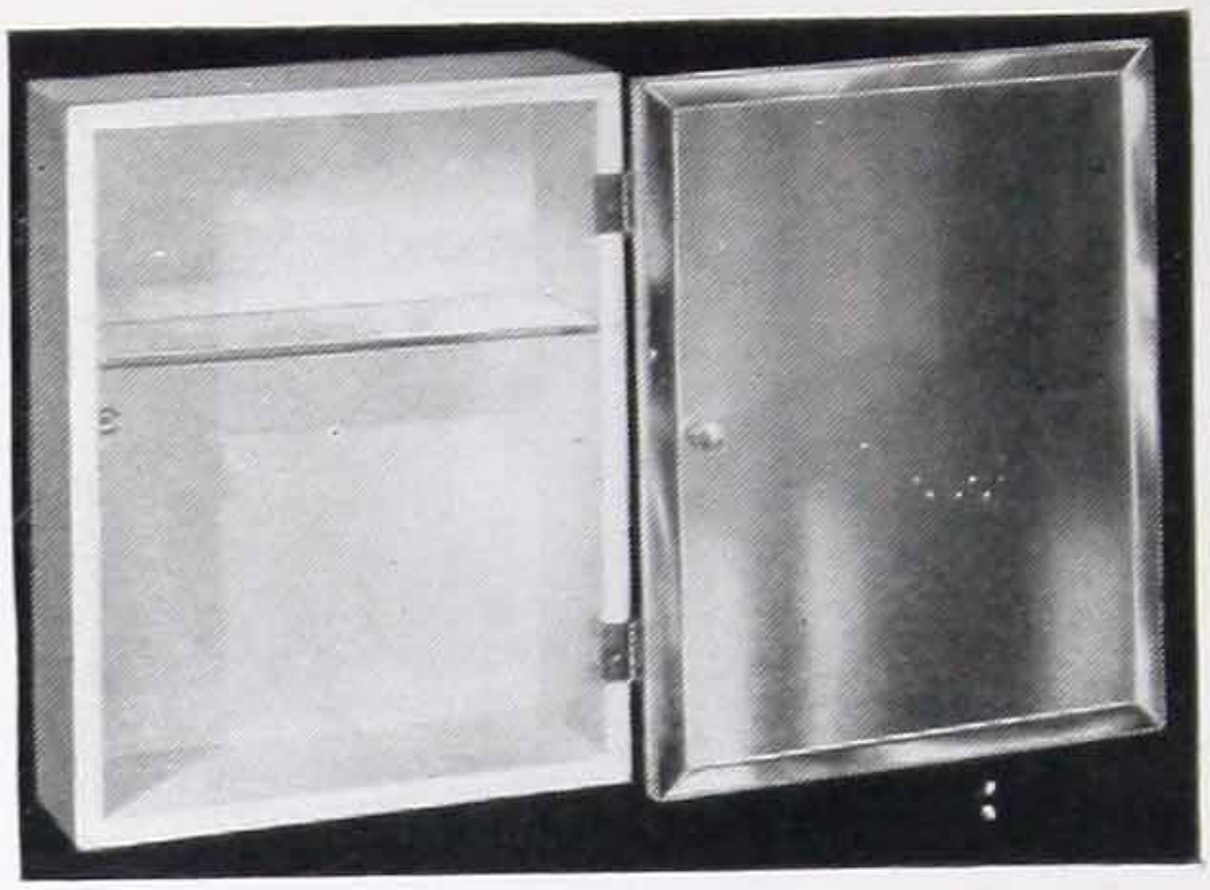
As above
Seat 17½ × 12½ in.; Height 17 in.
Can also be supplied in green, blue, primrose, and ivory.

No. B 4089
BATHROOM STOOL
Chromium-plated, with cork seat; finest quality and distinctive design. Legs provided with rubber floor protectors.
Seat 11½ in. diameter ; width overall 15½ in.; height 16¼ in.

No. A 5974
"BEX" LAVATORY BRUSH CONTAINER
Made in Polythene
With Brush
15 3/16 in. high;
15 11/16 in. dia. Base.
Colours : Natural, blue, green and red.

BATHROOM FURNITURE

White enamelled sprayed finish on selected seasoned timber.
All metal fittings chromium-plated.



No. B 4186
SWIVEL DOOR FRAMELESS MIRROR CABINET

Door swivels to the right to give a clear opening.

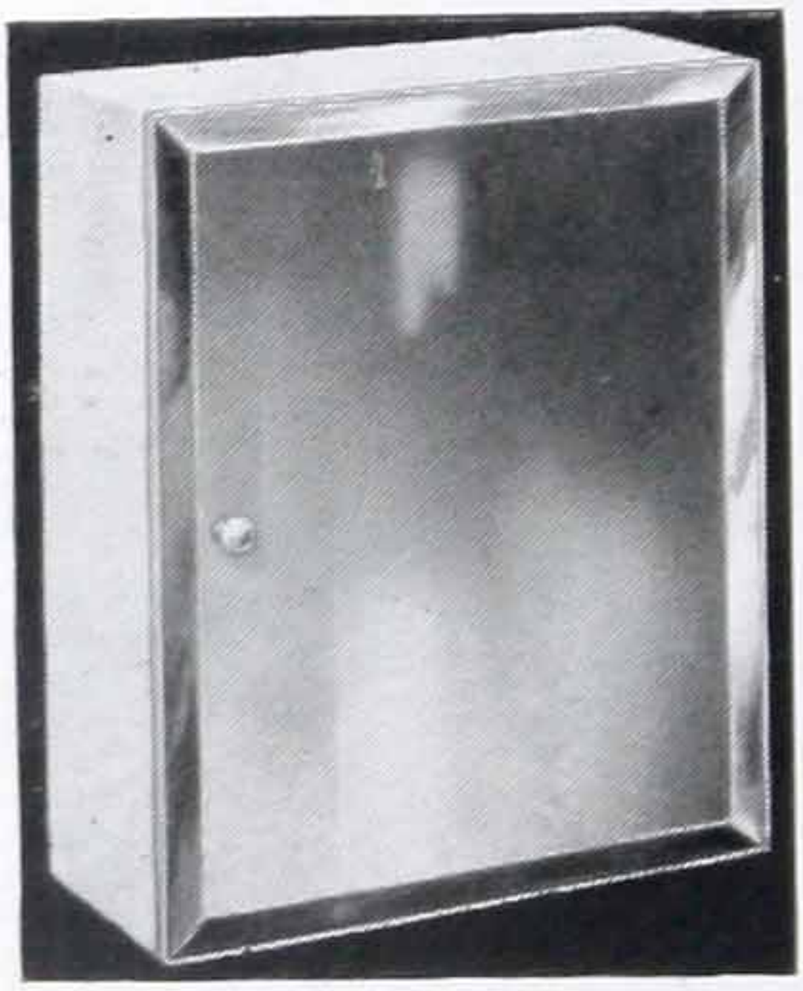
Height	Width
12 in.	9 in.
13 in.	10 in.
15 in.	12 in.

No. B 4187
RECESS FRAMELESS MIRROR CABINET

With plate glass shelf, chromium-plated fittings.

Height	Width
13 in.	10 in.
15 in.	12 in.
*17 in.	14 in.

* This model is supplied with two shelves.
N.B.—Recess in wall should be made 1 in. less than the overall sizes of the cabinet and 4 in. deep.

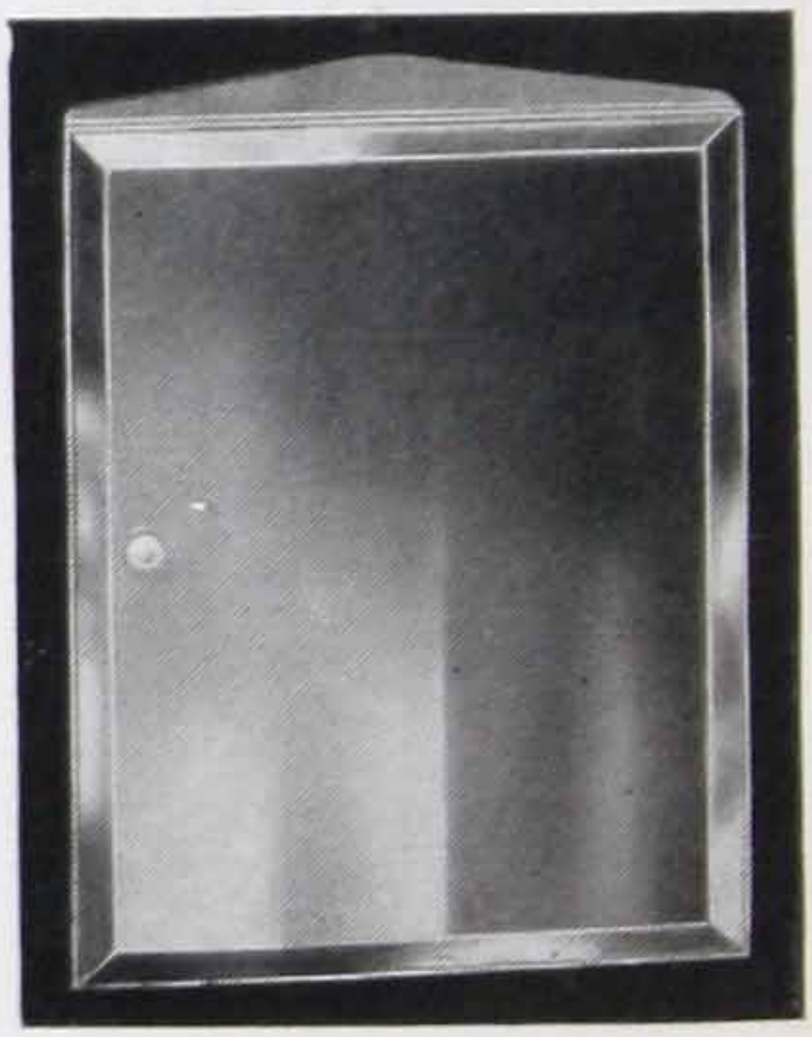


No. B 4182
FRAMELESS MIRROR REVERSIBLE CABINET

With plate glass shelf and chromium-plated fittings.

Height	Width
12 in.	9 in.
13 in.	10 in.
15 in.	12 in.
*17 in.	14 in.

* This model is supplied with two shelves.



No. B 4188
FRAMELESS MIRROR REVERSIBLE CORNER CABINET

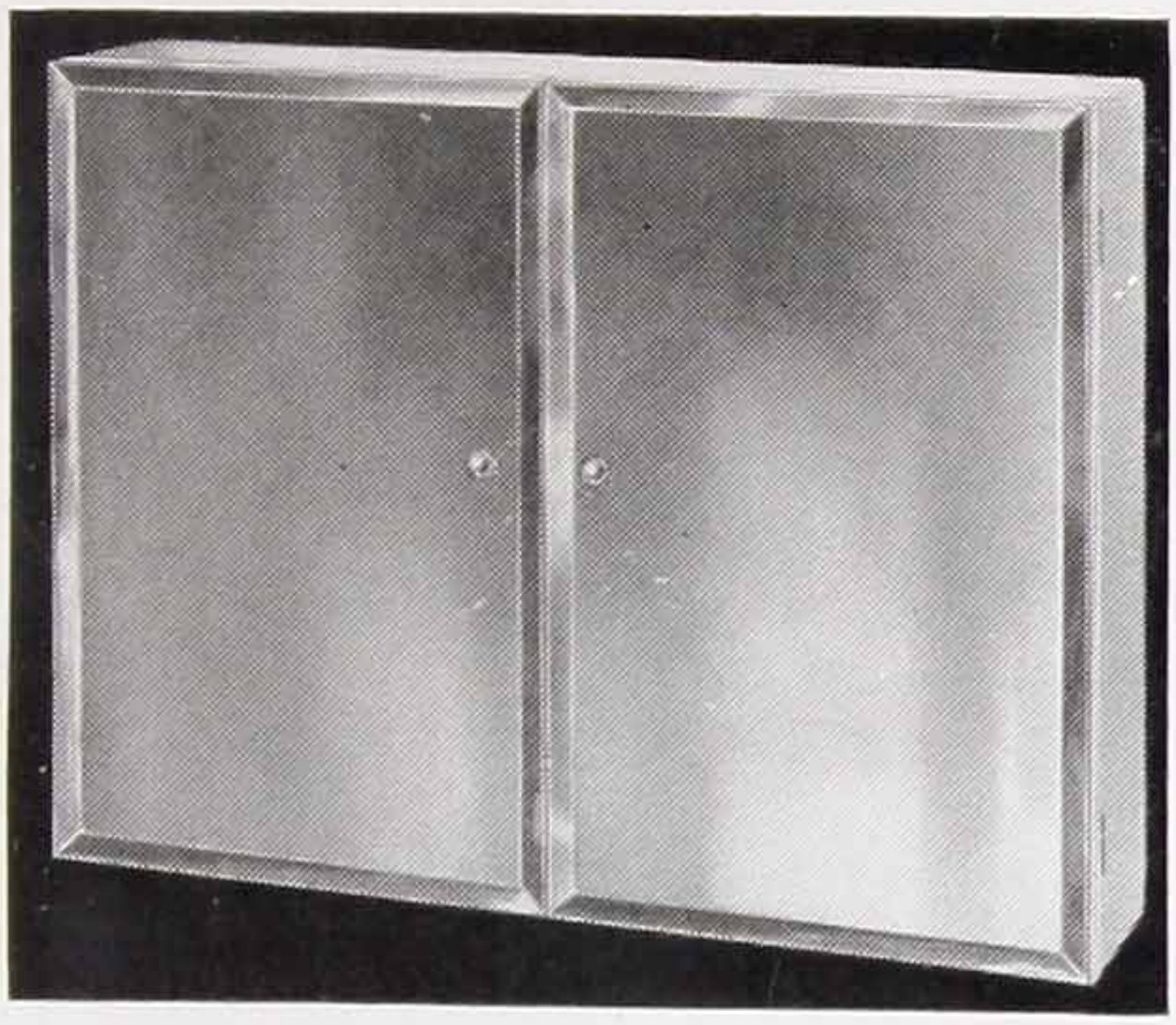
With glass shelf and chromium-plated fittings.

Height	Width
13 in.	10 in.
15 in.	12 in.
*18 in.	12 in.

* This model is supplied with two shelves.

All the above can also be supplied in Standard Colours, Green, Blue, Primrose and Ivory.

BATHROOM FURNITURE



White enamelled sprayed finish on selected seasoned timber.

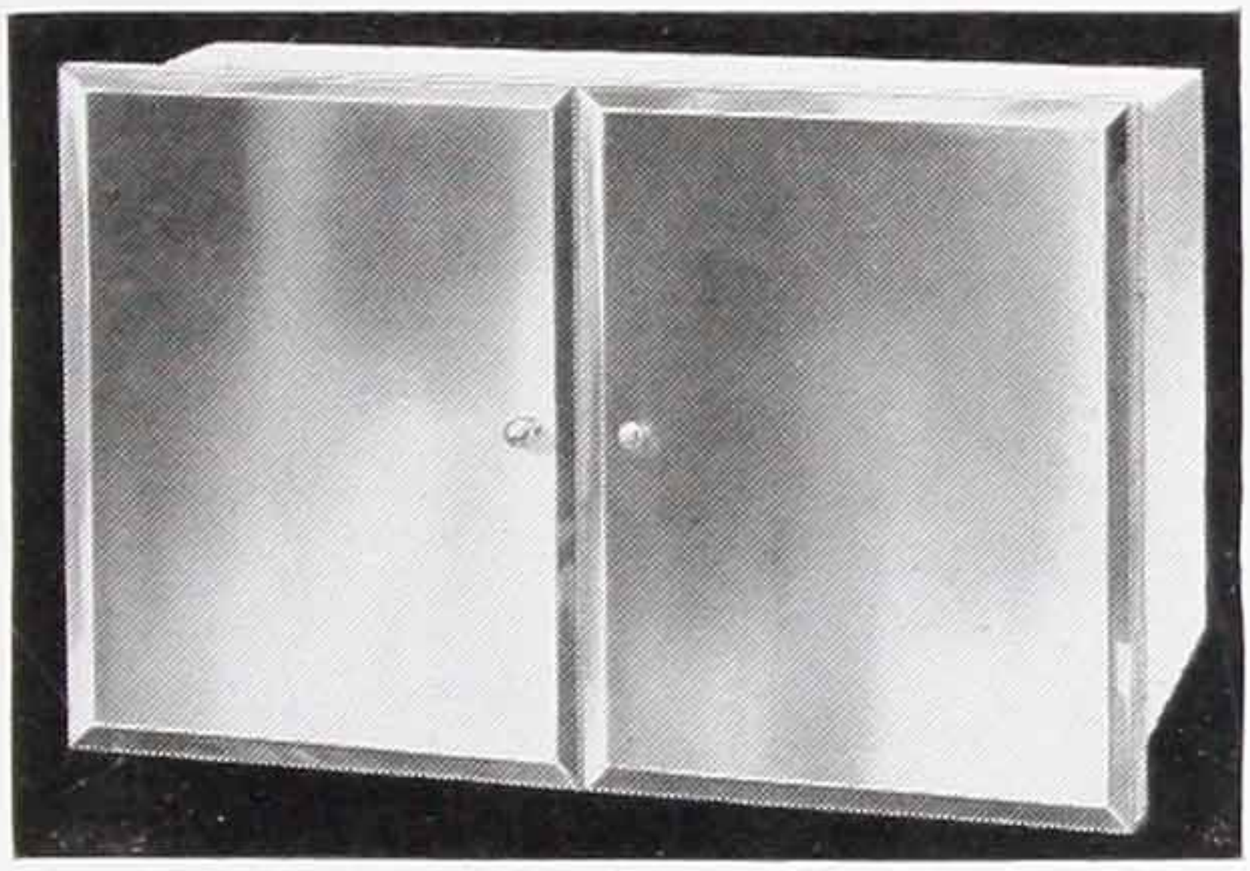
All metal fittings chromium-plated.

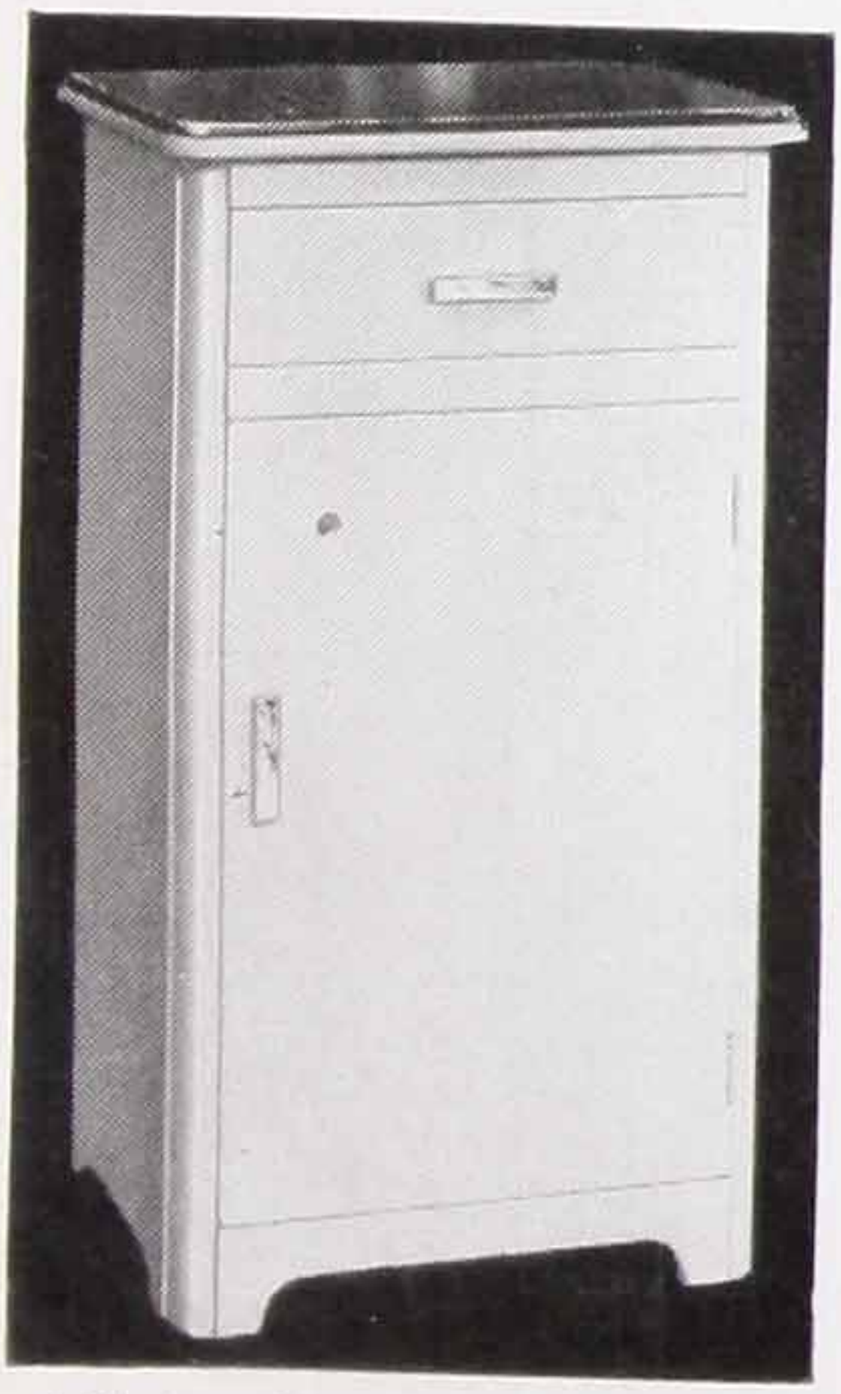
No. B 4195
CABINET
All Mirror Double Doors.
20 × 13 in.
24 × 15 in.
*28 × 17 in.

* This size has two shelves each side.

No. B 4196
RECESS CABINET
All-Mirror Double Doors.
20 × 13 in.
24 × 15 in.
*28 × 17 in.

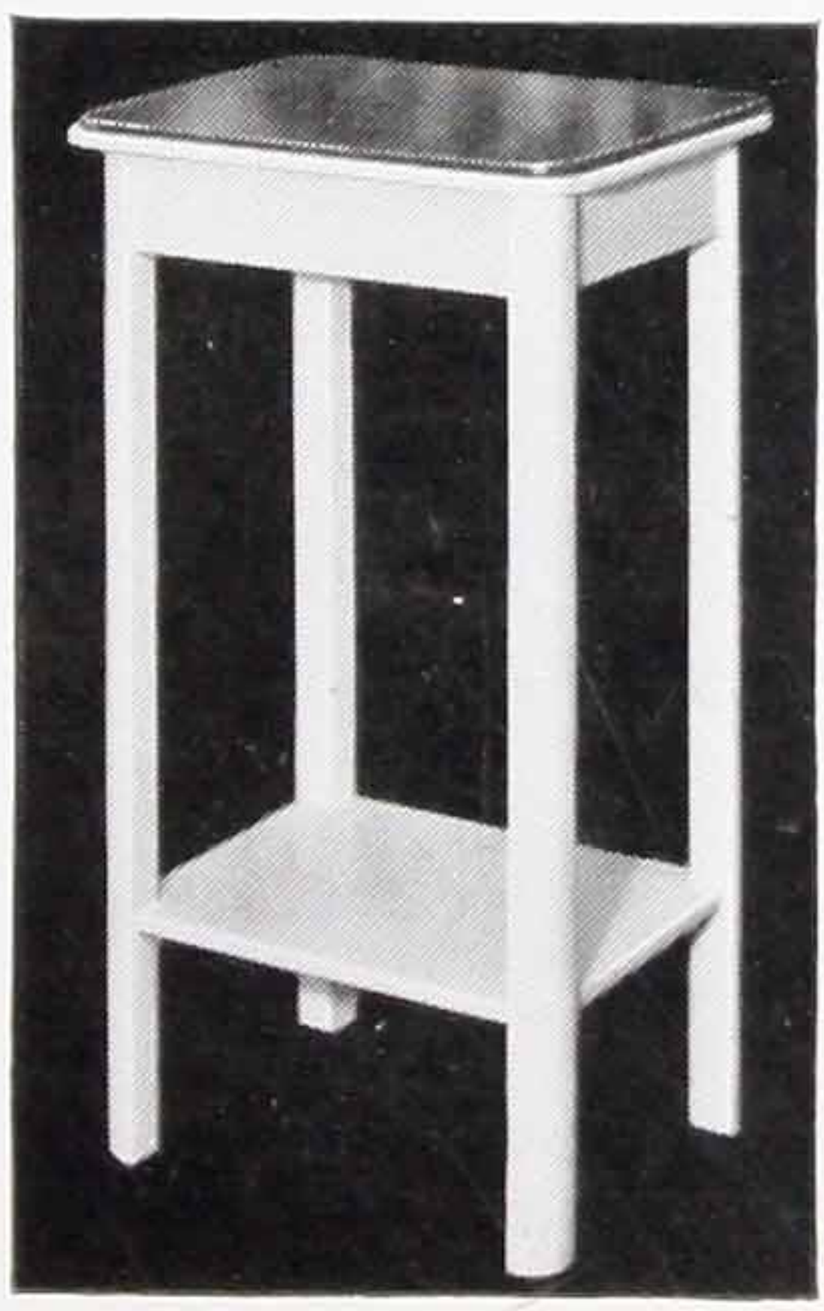
* This size has two shelves each side.





No. B 4197
TABLE CUPBOARD
Black Vitrolite Top.
Size: 16 × 13 in.
Height 28½ in.

No. B 4198
TABLE
Black Vitrolite Top.
Size 16 × 13 in.
Height 28½ in.



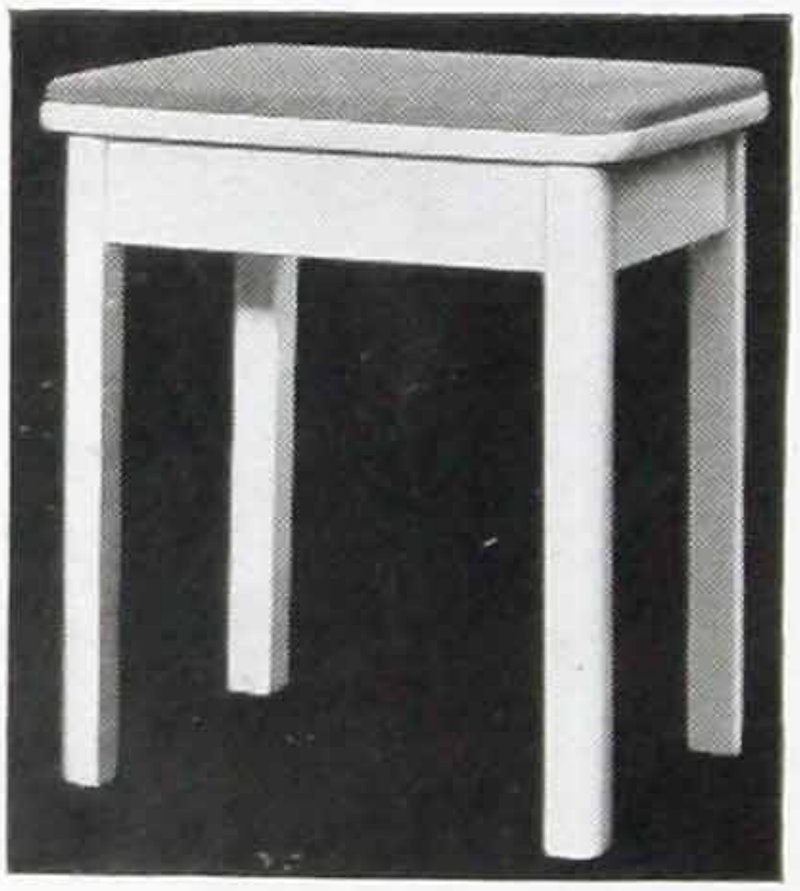
All the above can also be supplied in Standard Colours, Green, Blue, Primrose and Ivory.

BATHROOM FURNITURE

White enamelled sprayed finish on selected seasoned timber.

No. B 5041
STOOL
With Heavy Cork Seat.
Seat 15½ in. × 12½ in.
Height 17 in.

No. B 4192
STOOL WITH BOX
Heavy Cork Seat.
15½ in. × 12½ in. Height 17 in.

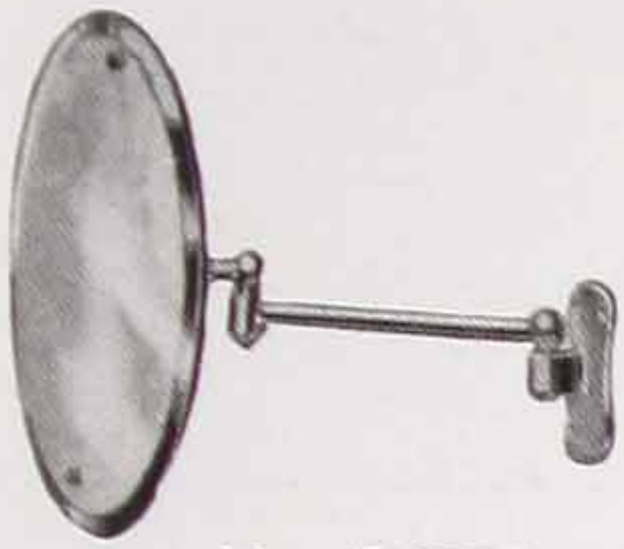


No. B 4193
STOOL
With Heavy Cork Seat.
Seat 15½ in. × 12½ in.
Height 17 in.

No. B 4194
CHAIR
With Heavy Cork Seat

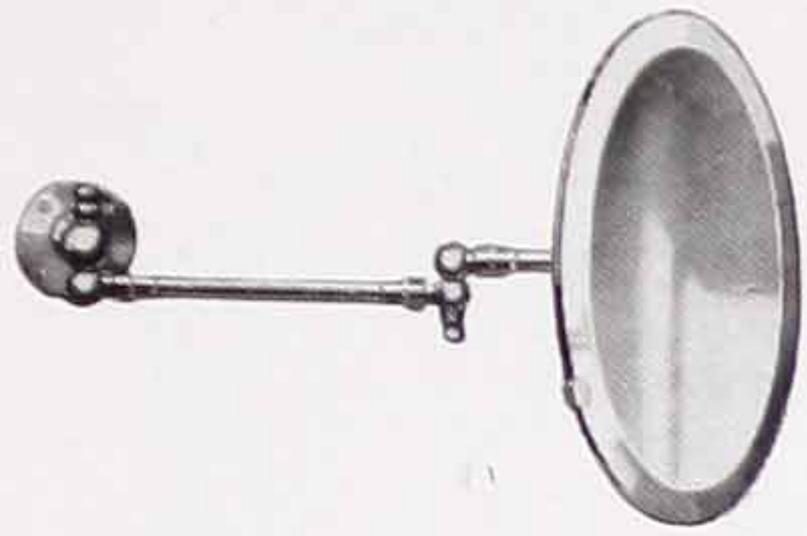
All the above can also be supplied in Standard Colours, Green, Blue, Primrose and Ivory

BATHROOM MIRRORS



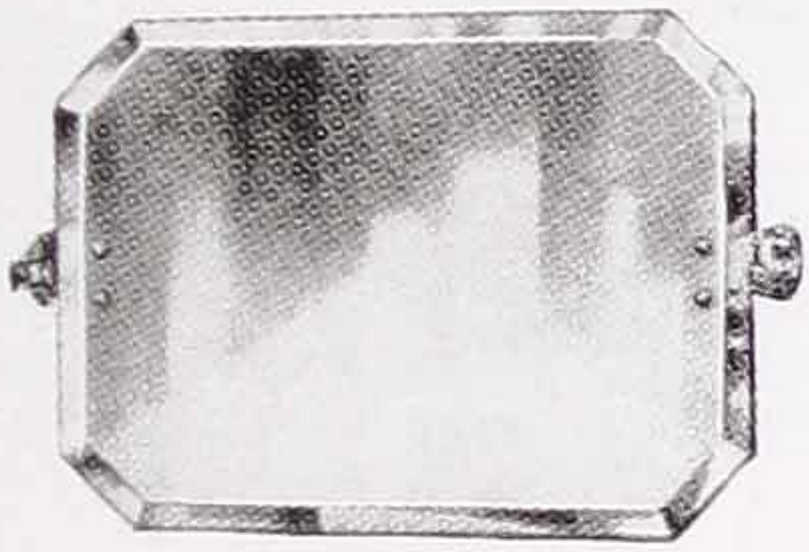
No. F 2794
SHAVING MIRROR

Strongly constructed, complete with ball joint at back and wall attachment. Swivel mirror. 9 in. diameter.
Fittings chromium-plated.



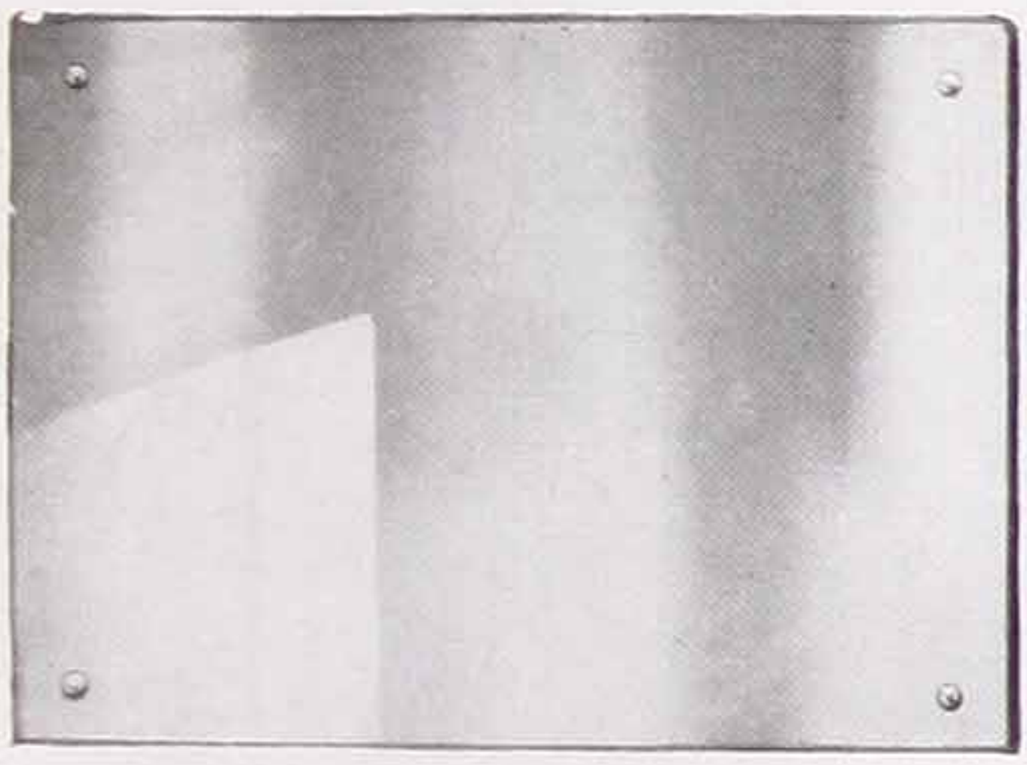
No. F 2795
SHAVING MIRROR

Bevelled edge. Rimless.
With ball joints at back, may thus be placed at any angle. Ground and polished edges. 7-in. diameter.
Fittings chromium-plated.



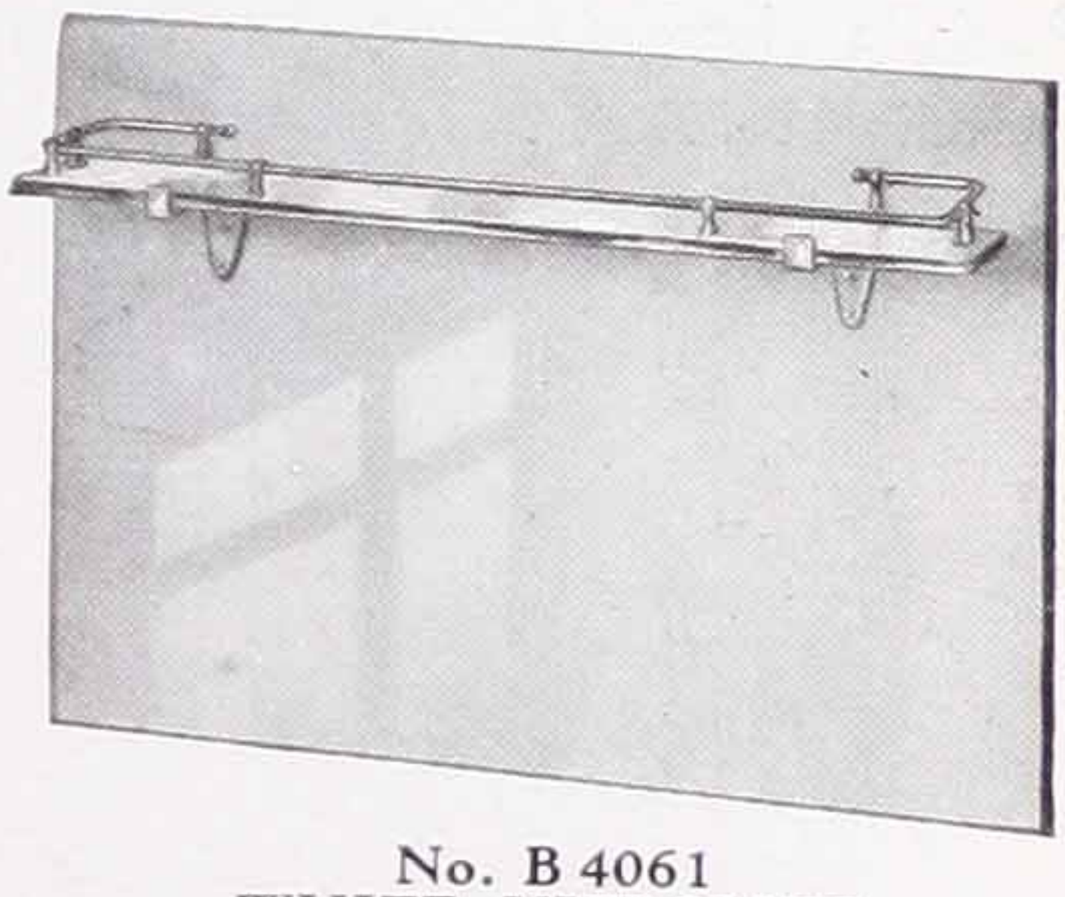
No. F 2776
MIRROR WITH SWING BRACKETS

Chromium-plated Fittings.
Sizes : 18 × 14 in. 16 × 12 in.



No. B 4459
WHITE VITROLITE SPLASH-BACK

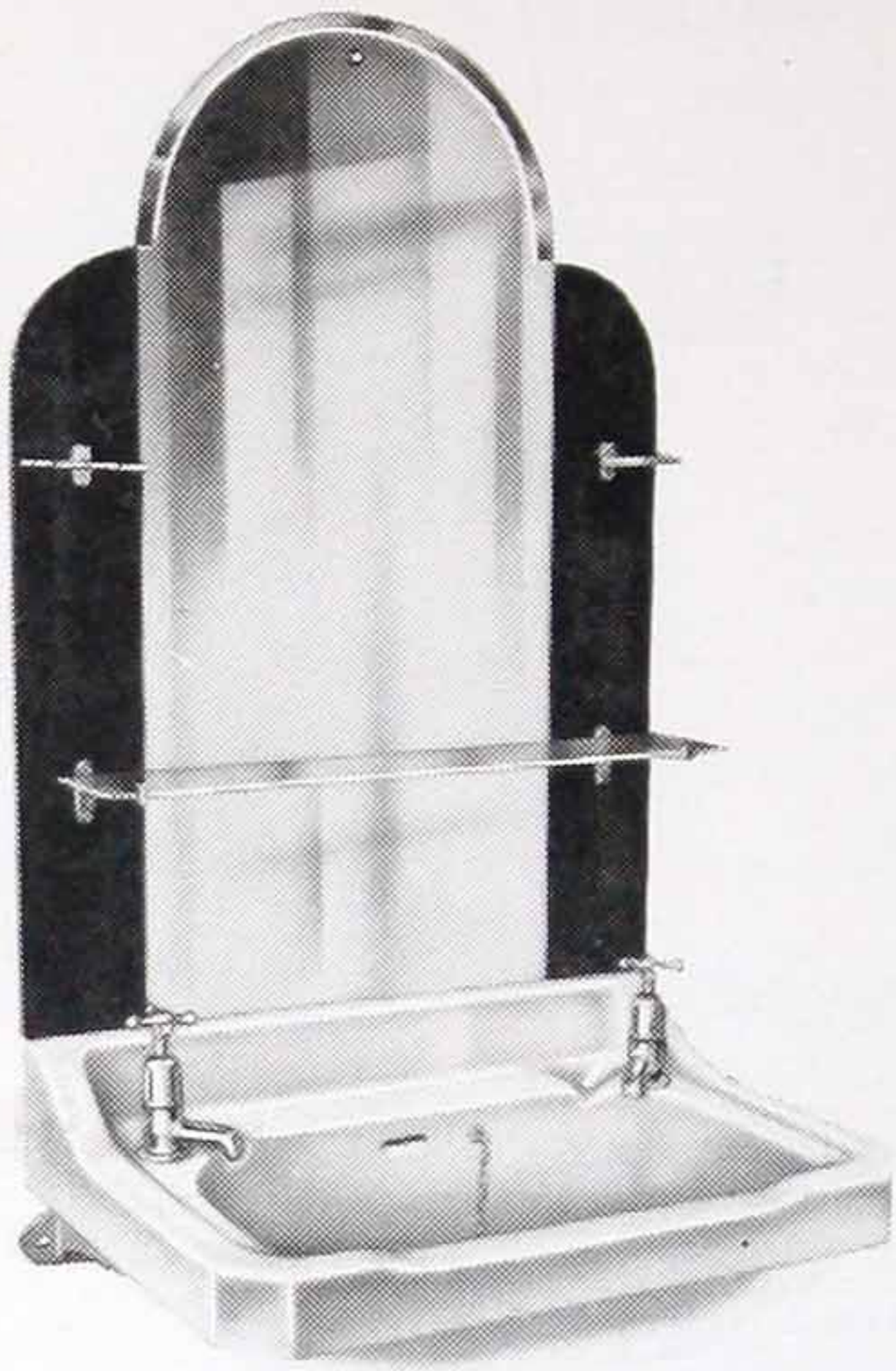
Drilled one hole at each corner and supplied complete with fixing screws.
Sizes :
27 in. wide × 18 in. high
25 in. ,, × 18 in. ,,
25 in. ,, × 15 in. ,,
22 in. ,, × 15 in. ,,



No. B 4061
WHITE VITROLITE SPLASH-BACK

With 5 in. Plate Glass Shelf and chromium-plated brackets and chromium-plated guard rail, with screws for fixing.
27 in. wide × 18 in. high
25 in. ,, × 18 in. ,,
25 in. ,, × 15 in. ,,
22 in. ,, × 15 in. ,,

Special sizes can be supplied to order.



No. B 4521

MIRROR SPLASHBACK

Silvered centre panel with black side panels, plate glass shelf and chromium-plated brackets, tumbler holder and toothbrush holder.

Sizes :

Width	Height
25 in.	34 in.
22 in.	34 in.

Chromium-plated Guard Rail for Shelf can be supplied (extra).

No. B 4358a

ALL MIRROR SPLASHBACK

Partially bevelled edge and including brilliant cut design as illustrated ; damp-proof back.

Sizes :

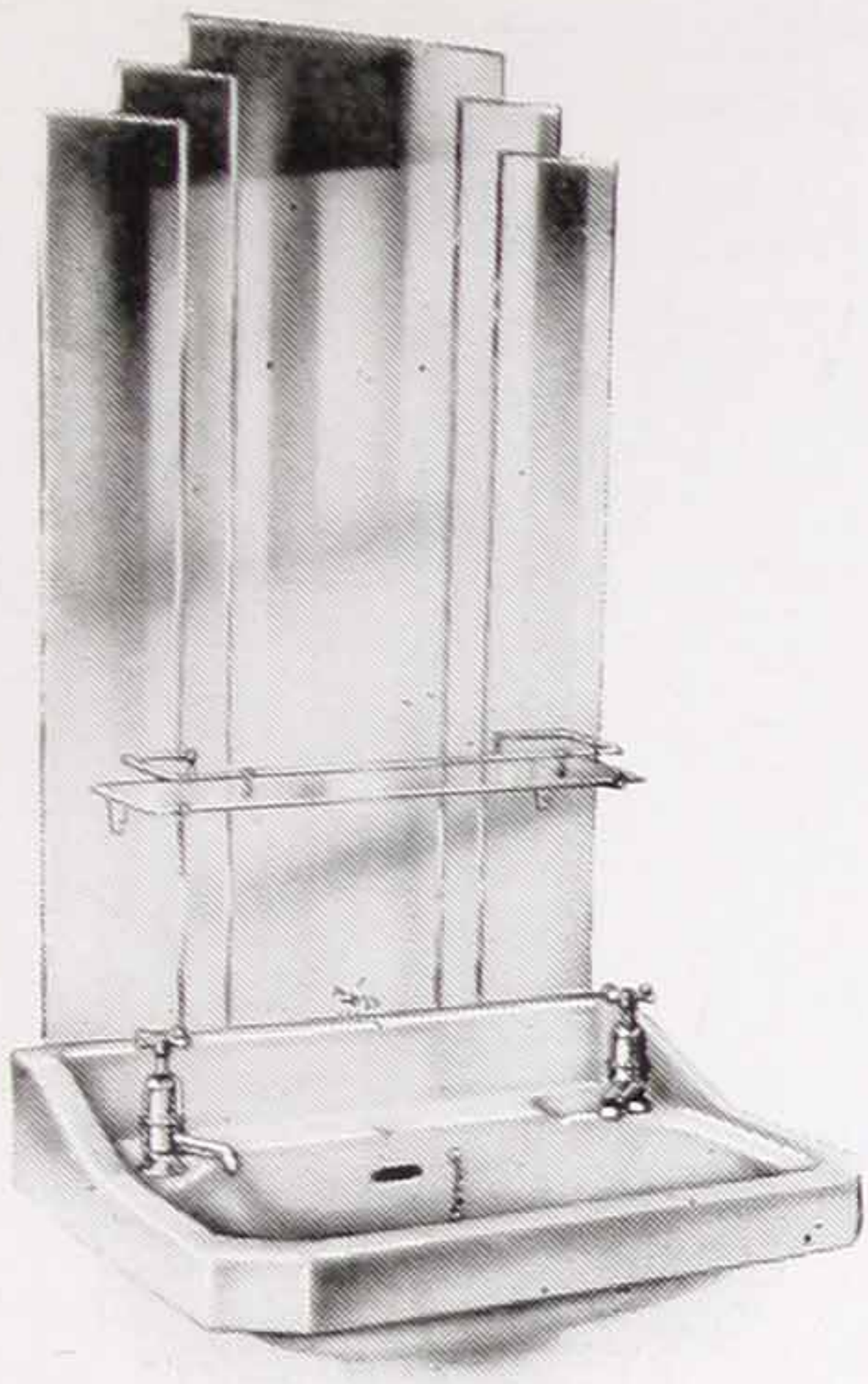
Width	Height
25 in.	32 in.
22 in.	32 in.

No. B 4358

ALL MIRROR SPLASHBACK

As above but without brilliant cut design.

All Splashbacks are sent out with necessary fixing clips and/or chromium-plated screws.



No. B 6273

MIRROR SPLASHBACK

"Stepped" top design with brilliant cut lines, plate glass shelf and chromium-plated guard rail.

Sizes :

Width	Height
25 in.	33 in.
22 in.	33 in.

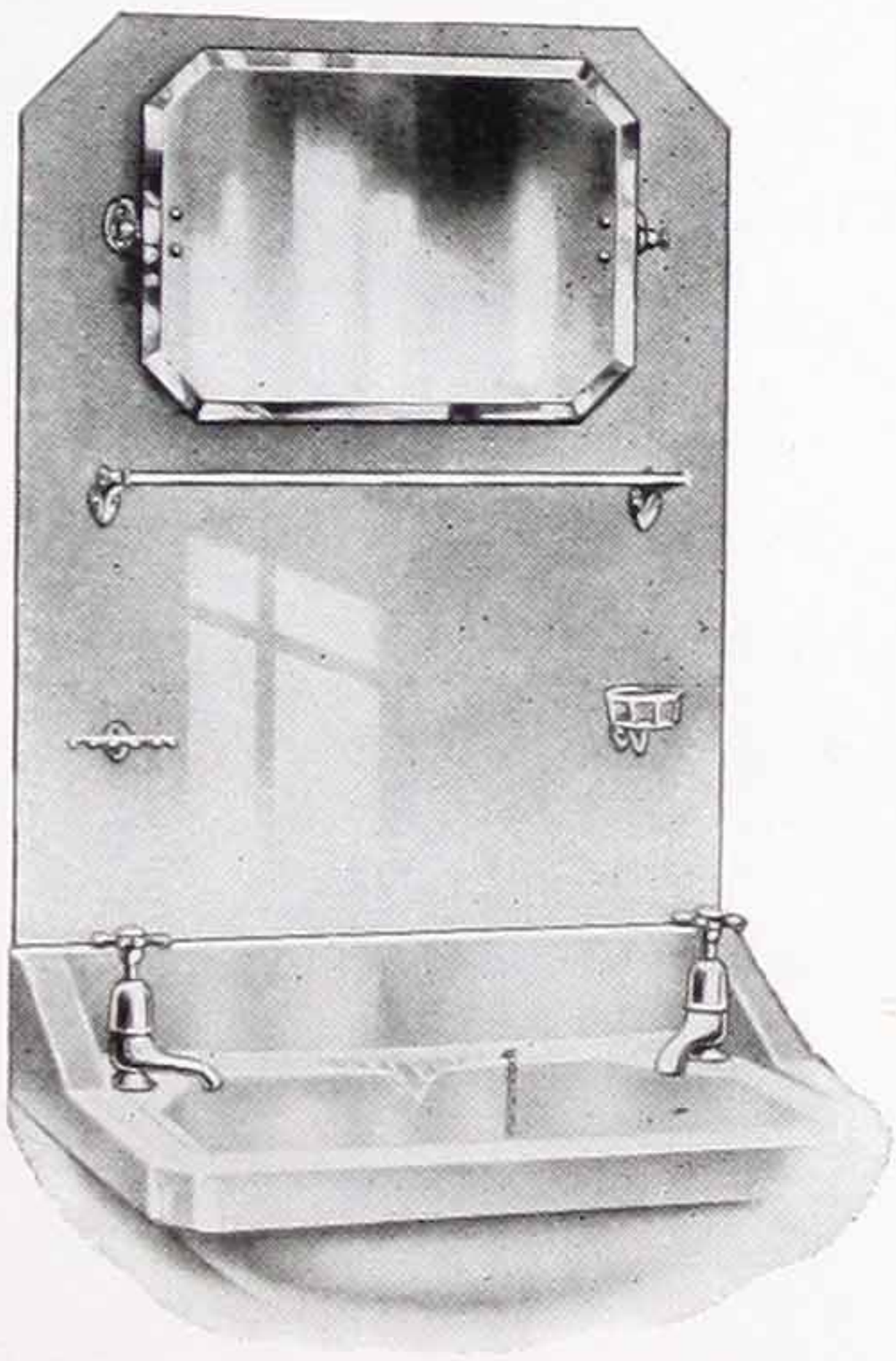
No. B 4036

WHITE VITROLITE GLASS SPLASHBACK

Including 18 in. × 13 in. bevelled edge mirror on adjustable swing brackets ; shaped white shelf with chromium-plated brackets, tumbler holder and toothbrush holder.

Sizes :

Width	Height
25 in.	33 in.
22 in.	33 in.



All Splashbacks are sent out with necessary fixing clips and/or chromium-plated screws.

No. B 6360

THE BUCKINGHAM SINK UNIT

Stainless steel sink with two fluted drainers, ½ in. chromium-plated mixer fitting with swivel nozzle, 1½ in. waste with plug and chain, enamelled wood cabinet finished in cream, white, green, or blue, with handles in black, red, green or blue. Features include two plain drawers, two cupboards with centre shelf and hinged doors.

Overall Sizes :

Length—4 ft. 6 in. Width—21 in. Height at Front—36 in.

Size of Bowl : 18 in. × 15 in. × 7 in.

No. B 6361

THE STIRLING SINK UNIT

Stainless steel sink with right or left hand fluted sink drainer, ½ in. chromium-plated pillar mixer fitting with swivel nozzle, 1½ in. waste with plug and chain, enamelled wood cabinet finished in cream, white, green, or blue with handles in black, red, green or blue. Special features include ample cupboard space with separate shelves for soap and cleaning materials, an extending working board which is released by a finger-touch on a novel press-button action ; refuse bin which can be opened by foot-pedal, and three vegetable containers are fitted behind the sliding doors.

Overall Sizes :

Length—3 ft. 1½ in. Width—21 in. Height at Front—36 in.

Size of Bowl : 18 in. × 15 in. × 7 in.

NEVASTANE SINK UNITS

THE BUCKINGHAM
No. B 6360

THE STIRLING
No. B 6361

No. B 6260

THE MILLERSDALE SINK UNIT

Stainless steel sink with two drainers, ½ in. chromium-plated mixer fitting with swivel nozzle, 1½ in. waste with plug and chain ; cream or white stove-enamelled *aluminium* cabinet with top drawer green baize lined for cutlery.

Overall Sizes :
Length—63 in. Width—21 in. Height at Front—36 in.
Size of Bowl : 19 in. × 15 in. × 7½ in.

No. B 6260a

SINK UNIT as above but smaller size

Overall Sizes :
Length—54 in. Width—18 in. Height at Front—36 in.
Size of Bowl : 16¼ in. × 13½ in. × 7½ in.

No. B 6261

THE DOVEDALE SINK UNIT

Stainless steel sink with right or left-hand drainer, ½ in. chromium-plated pillar mixer fitting with swivel nozzle, 1½ in. waste with plug and chain, cream or white stove enamelled *aluminium* cabinet with 4-drawers and one cupboard. Top drawer green baize lined for cutlery.

Overall Sizes :
Length—42 in. Width—21 in. Height at Front—36 in.
Size of Bowl : 19 in. × 15 in. × 7½ in.

No. B 6261a

SINK UNIT as above but narrower

Overall Sizes :
Length—42 in. Width—18 in. Height at Front—36 in.
Size of Bowl : 16¼ in. × 13½ in. × 7½ in.

No. B 6261b

SINK UNIT as above but shorter and narrower

Overall Sizes :
Length—36 in. Width—18 in. Height at Front—36 in.
Size of Bowl : 16¼ in. × 13½ in. × 7½ in.

Any of the above units can be supplied with a bucket swivel arm supply fitting if required. (Extra.)

All the above sink units can be fitted with a 1½ in. crumb strainer waste *without* overflow at no extra cost.

PAUL SINK UNITS

THE MILLERSDALE SINK UNIT

No. B 6260

THE DOVEDALE SINK UNIT

No. B 6261

No. B 6374

LEIZURE SINK UNIT

Cream, White, Pastel Blue or Green porcelain-enamelled CULSYNK with right or left hand fluted drainer, ½ in. chromium-plated hot and cold "Twinseal" mixer fitting, 1½ in. waste with plug and chain, seasoned hardwood cabinet with high gloss crystal clear plastic finish bringing out the natural beauty of the wood grain.

Overall Sizes :—

Length—3 ft. 0 in., Width—18 in., Height at front—34 in.

Size of Bowl : 16 in. × 12 in. × 7 in.

No. B 6375

LEIZURE SINK UNIT

Stainless steel sink with two fluted drainers, ½ in. chromium-plated hot and cold mixer fitting with swivel nozzle, 1½ in. waste with plug and chain ; Cream, White, Pastel Blue, Green or Pink stove-enamelled steel cabinet with sound-deadened doors and drawers ; cutlery drawer green baize lined.

Overall Sizes :—

Length—5 ft. 3 in., Width—21 in., Height at Front—36 in.

Size of Bowl : 18½ in. × 15 in. × 8 in.

The above units can be supplied with a bucket filling swivel arm supply fitting at an extra charge.

LEIZURE SINK UNITS

No. B 6374 SINK UNIT

No. B 6375 SINK UNIT

No. B 6362.

THE COUNTESS SINK UNIT

Stainless steel sink with right or left hand fluted drainer, ½ in. chromium-plated 'Twinseal' hot and cold swan neck supply taps, 1½ in. waste with plug and chain.

Cabinet constructed of sound seasoned wood, modern design with toe recess ; fitted with two doors with double ball catch locking action and internal recessed half shelf.

Finished cream or white enamel with contrasting handles.

Overall Sizes :—

Length—3 ft. 6 in. Width—21 in. Height at Front—36 in.

Size of Bowl : 21 in. × 15 in. × 7½ in.

The above unit can also be supplied with cream, white, or green porcelain-enamelled sink top.

No. B 6363.

THE PRINCESS SINK UNIT

Cream, white, or green porcelain-enamelled steel sink with two fluted drainers, ½ in. chromium-plated hot and cold high-necked pillar taps, 1½ in. waste with plug and chain ; cream or white enamelled seasoned wood cabinet with contrasting handles.

Expertly designed to give maximum drawer and cupboard space.

Overall Sizes :

Length—5 ft. 3 in. Width—21 in. Height at Front—36 in.

Size of Bowl : 21 in. × 15 in. × 7½ in.

The above units can be supplied with pillar mixer fittings with swivel nozzle as an alternative to the taps illustrated.

EASICLENE SINK UNITS

THE COUNTESS SINK UNIT
No. B 6362

THE PRINCESS SINK UNIT
No. B 6363

No. B 6269 STAINLESS STEEL SINK

Single drainer model, available for either right or left-hand fixing ; prepared for but not including supply fittings, 1½ in. waste, plug and chain.

Length—42 in. Width—21 in. Size of Bowl : 18½ in. × 15 in. × 8 in.

No. B 6270 STAINLESS STEEL SINK

Double drainer model, prepared for but not including supply fittings, 1½ in. waste, plug and chain.

Length—63 in. Width—21 in. Size of Bowl : 18½ in. × 15 in. × 8 in.

No. B 6271 STAINLESS STEEL SINK

Double drainer, double well model, prepared for but not including supply fittings, two 1½ in. wastes, plugs and chains.

Length—84 in. Width—21 in.

Size of Bowls :

Left-hand : 15 in. × 14 in. × 7 in. Right-hand : 18½ in. × 15 in. × 8 in.

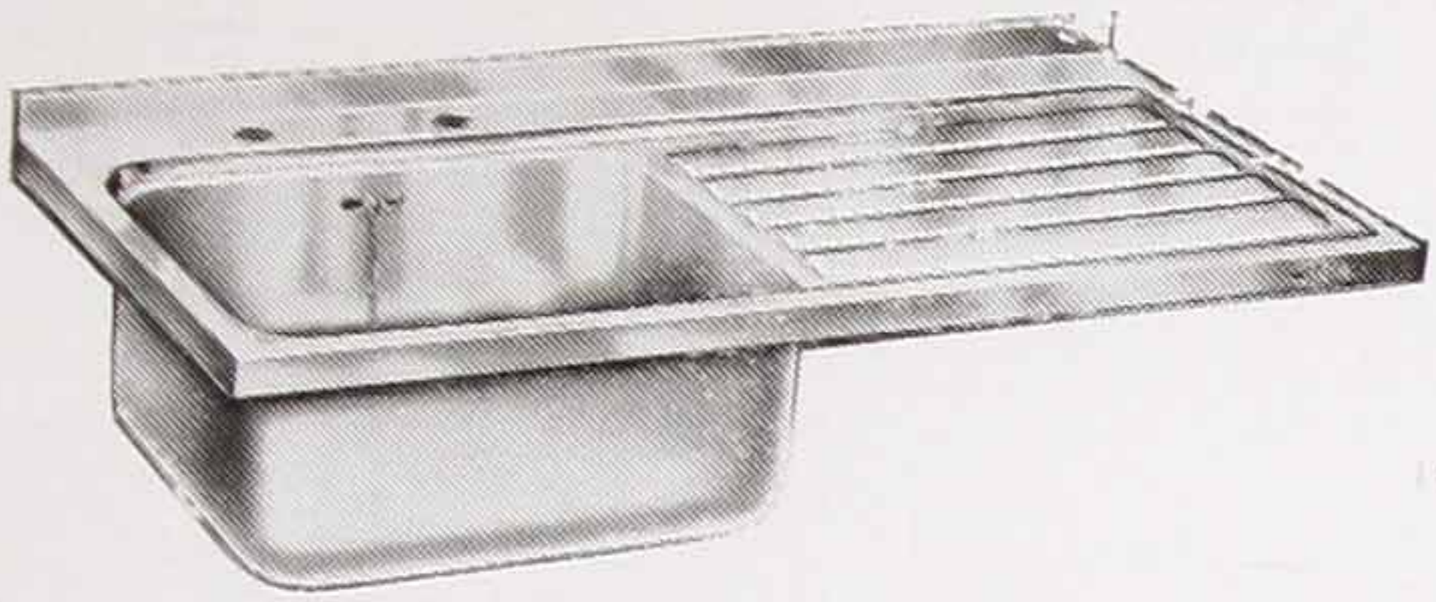
No. B 6272 PORCELAIN ENAMELLED STEEL SINK

Single drainer model available for either right or left-hand fixing ; prepared for but not including supply fittings, 1½ in. waste, plug and chain ; finished in white, green, cream, or blue.

Length—42 in. Width—21 in. Size of Bowl : 20 in. × 15 in. × 8 in.

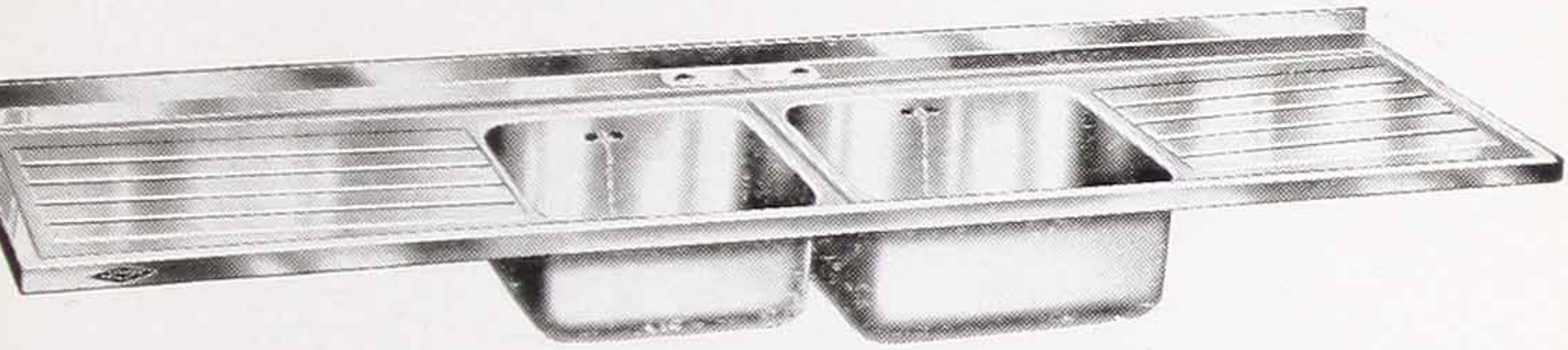
Any of the above sinks can be supplied with chromium-plated mixer fitting with single swivel supply nozzle.

SINK UNIT TOPS



STAINLESS STEEL SINK WITH SINGLE DRAINER
No. B 6269

STAINLESS STEEL SINK WITH DOUBLE DRAINERS
No. B 6270



STAINLESS STEEL SINK WITH TWO BOWLS AND
DOUBLE DRAINERS
No. B 6271

PORCELAIN-ENAMELLED STEEL SINK WITH SINGLE DRAINER
No. B 6272

FOR BAR SINKS see Page 220.

No. B 2477.

COMBINATION SINK AND WASHTUB SET

One-piece white glazed heavy fireclay with ledge on back providing for two taps to each compartment. Outlets discharge into mutual waste chamber and overflow formed in ware. Complete with galvanized wringer fixture ; chromium-plated wastes with plugs, chains, and stays. Coated cast-iron flanged trap and wall bend, white porcelain-enamelled or plain-painted cast-iron pillar legs with bearers.

½ in. hot and cold chromium-plated inclined pillar taps to each compartment.

Overall Sizes :

48 in. × 20 in. × 15 in.

No. B 2478.

COMBINATION SINK AND WASHTUB SET

Two-piece white glazed heavy fireclay ; white porcelain-enamelled or plain-painted cast-iron pillar legs to support with bearers to wall, galvanized wringer fixture ; combined skirting and pipe box in rustless plastic, or white porcelain-enamelled steel, hot and cold copper supply pipes and chromium-plated hot and cold bib taps for each compartment.

Two chromium-plated brass waste fittings with plugs, chains and stays and coated cast-iron waste pipes with trap and wall bend.

Overall Sizes :

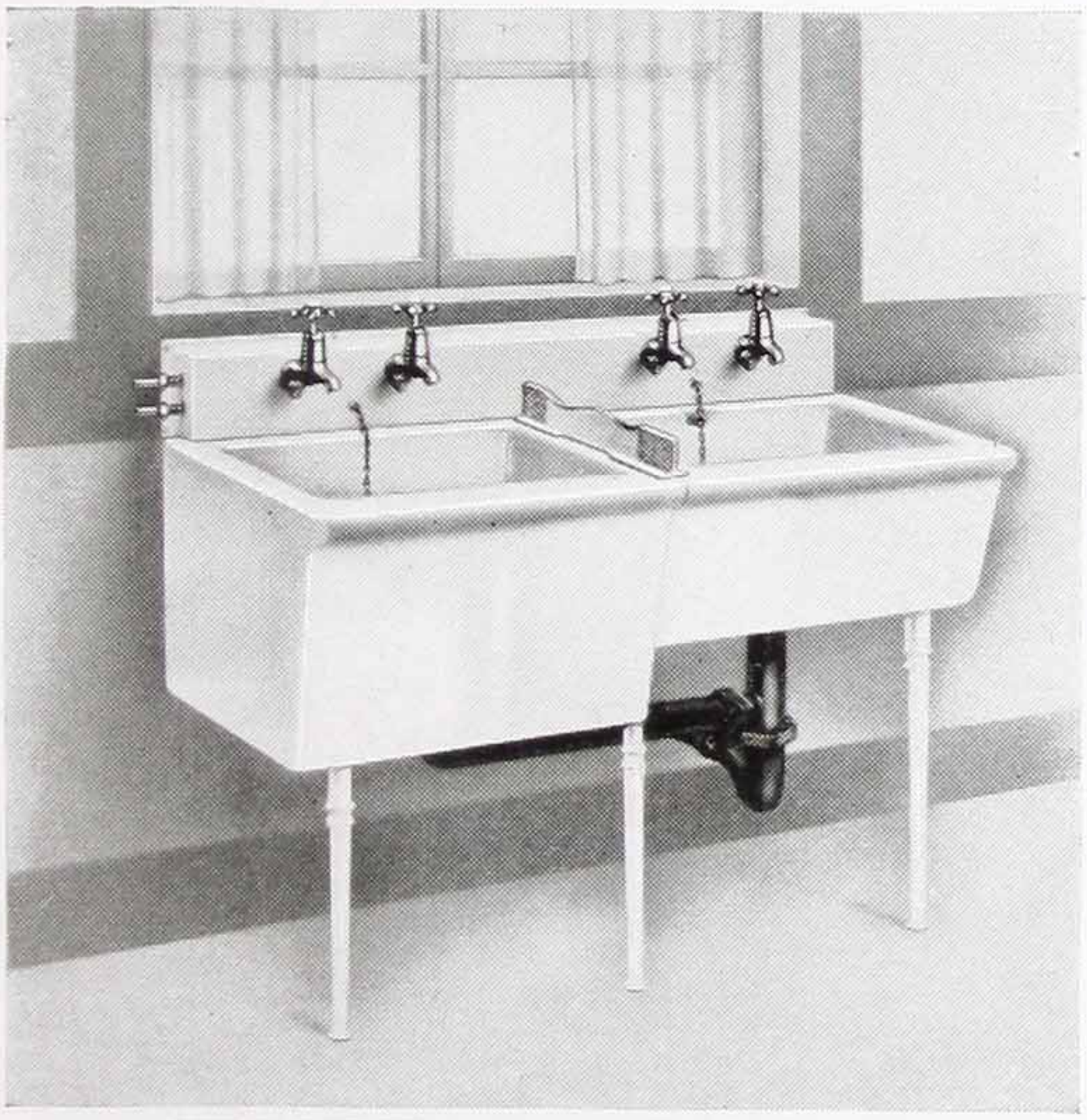
Sink 24 in. × 20 in. × 10 in.

Tub 24 in. × 20 in. × 12 in.

This sink and washtub set is normally supplied without the special pipe box unless this is specifically ordered. (Extra)

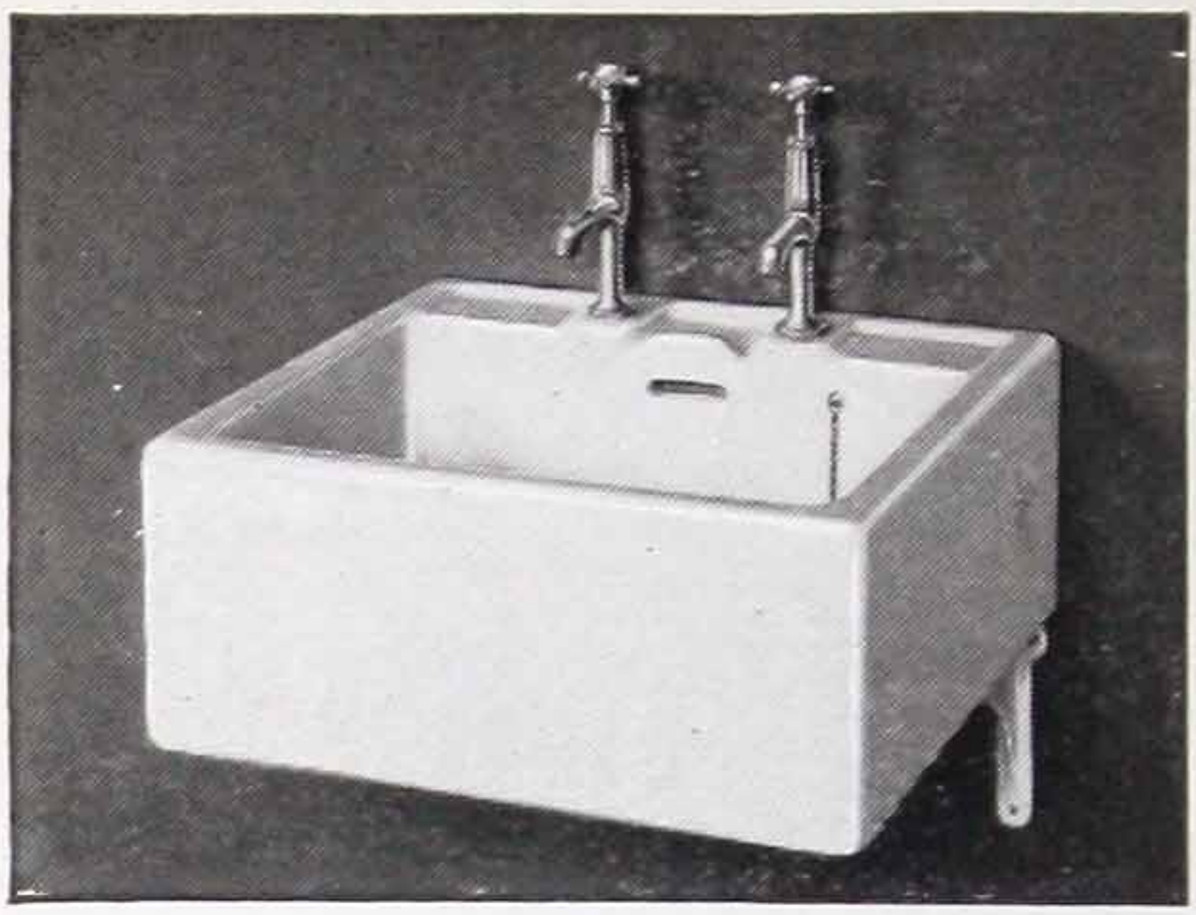
SINK AND WASHTUB SETS

ONE-PIECE TUB AND SINK
No. B 2477



TWO-PIECE TUB AND SINK SET
No. B 2478

No. B 6268 SHELF PATTERN SINK



White glazed heavy fireclay with slot overflow, including ½ in. chromium-plated hot and cold high-waisted pillar taps, 1½ in. waste with plug and chain, and cast-iron cantilever brackets.

Overall Sizes :

24 in. × 21 in. × 10 in.

30 in. × 21 in. × 10 in.

No. B 2422 COMBINATION SINK

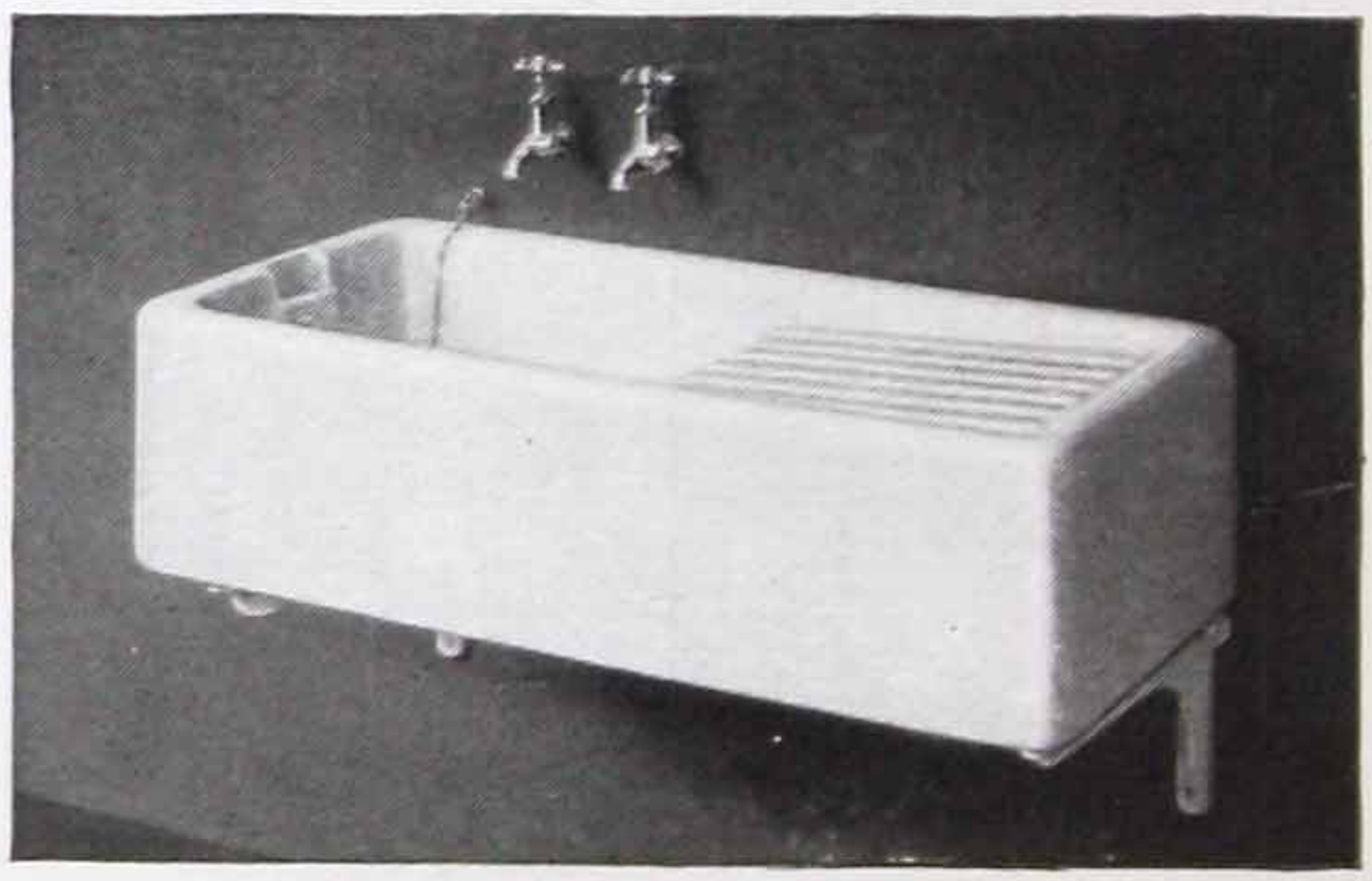
White glazed heavy fireclay with accessible weir overflow and fluted drainer ; can be fixed either right or left-hand, including ½ in. chromium-plated hot and cold bib taps, 1½ in. waste with plug and chain, and painted cast-iron cantilever brackets.

Overall Sizes :

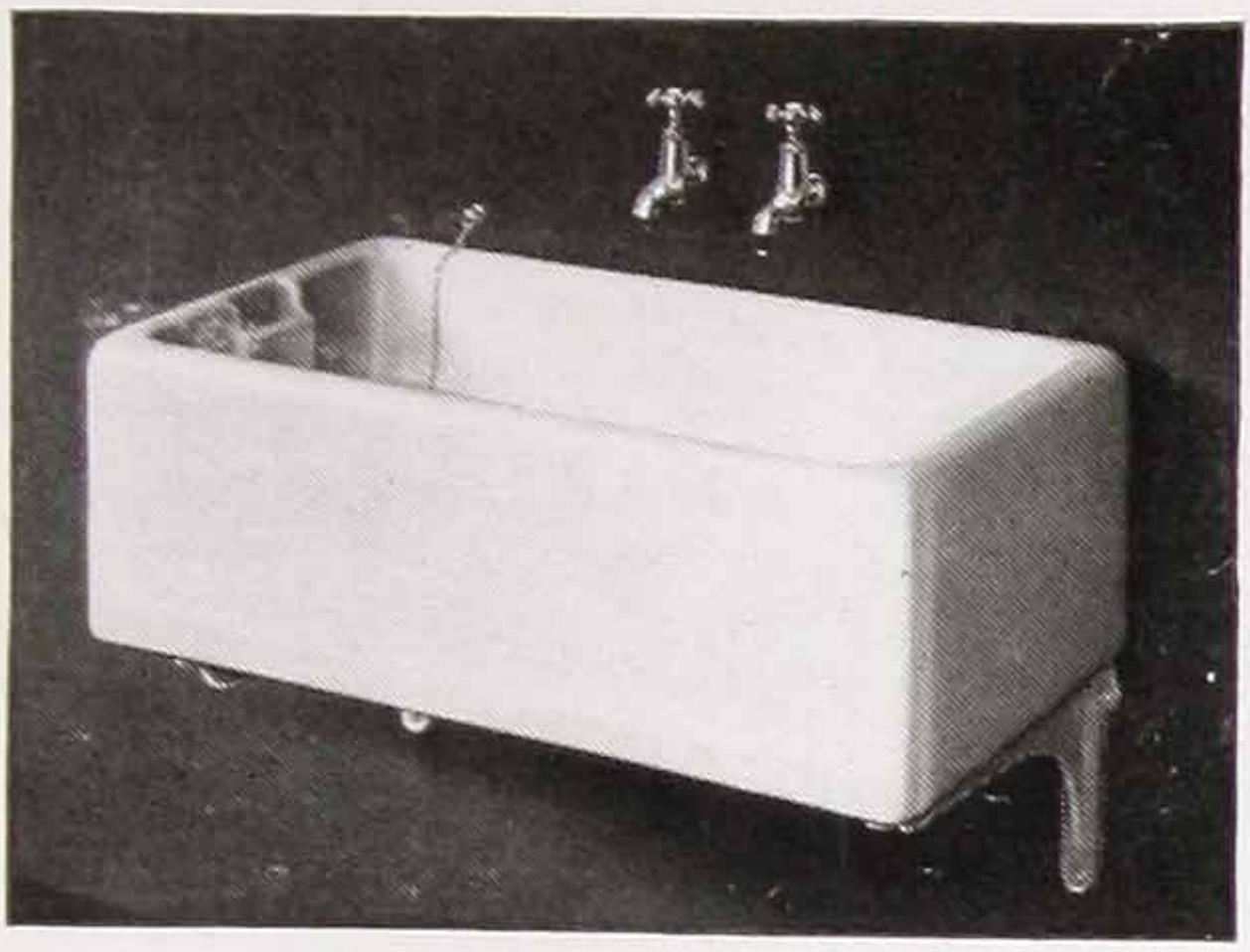
30 in. × 18 in. × 9½ in.

36 in. × 18 in. × 9½ in.

42 in. × 18 in. × 9½ in.



No. B 4464 BELFAST SINK



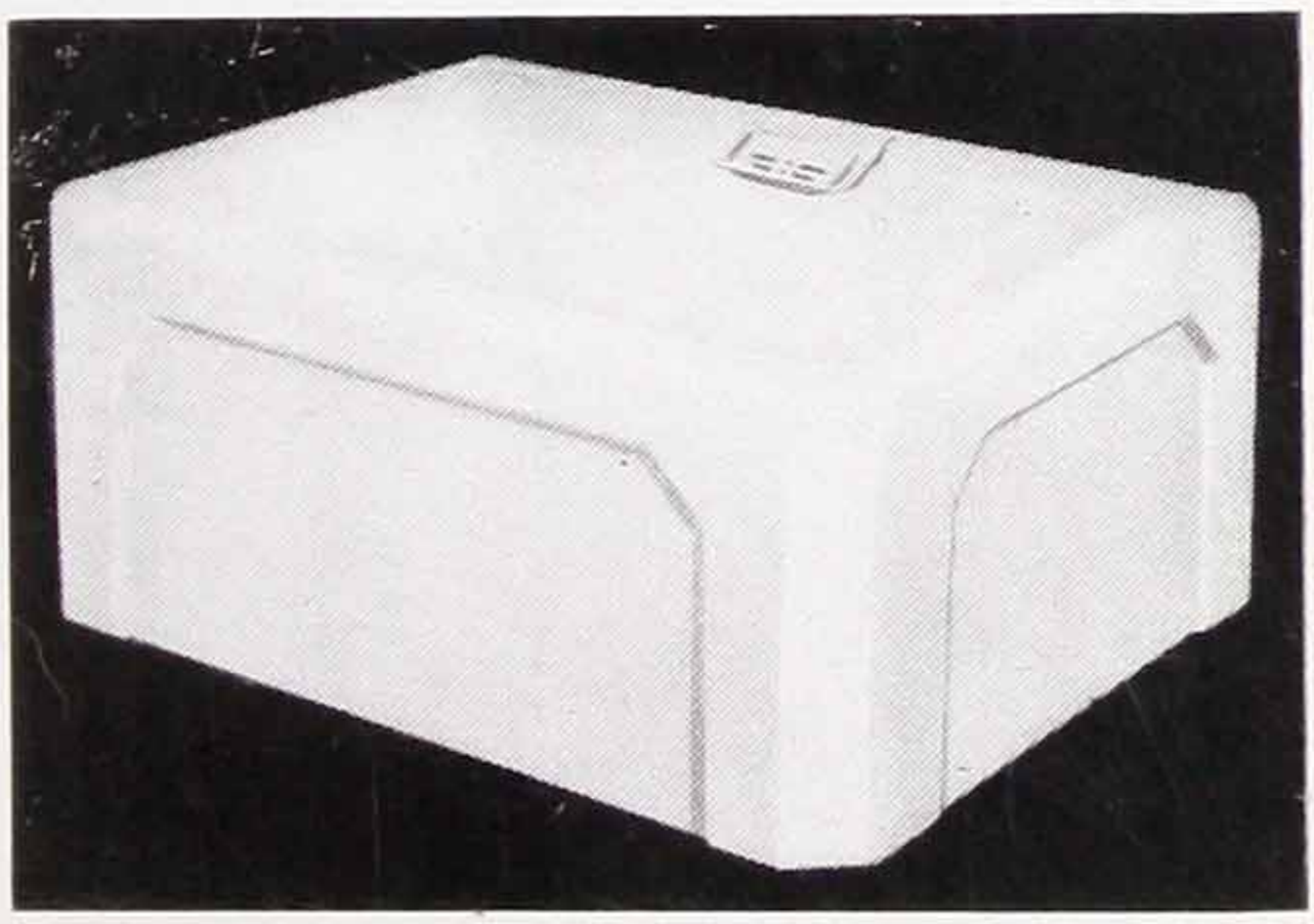
White glazed heavy fireclay with accessible weir overflow; can be fitted either right or left-hand, with fittings including ½ in. chromium-plated hot and cold bib taps, 1½ in. waste with plug and chain, and painted cast-iron cantilever brackets.

Overall Sizes :

18 in. × 15 in. × 8 in.
24 in. × 16 in. × 8 in.
24 in. × 16 in. × 10 in.
24 in. × 18 in. × 10 in.
30 in. × 18 in. × 10 in.
36 in. × 20 in. × 10 in.

No. B 6357
A.B.M. "PARSALL" SINK

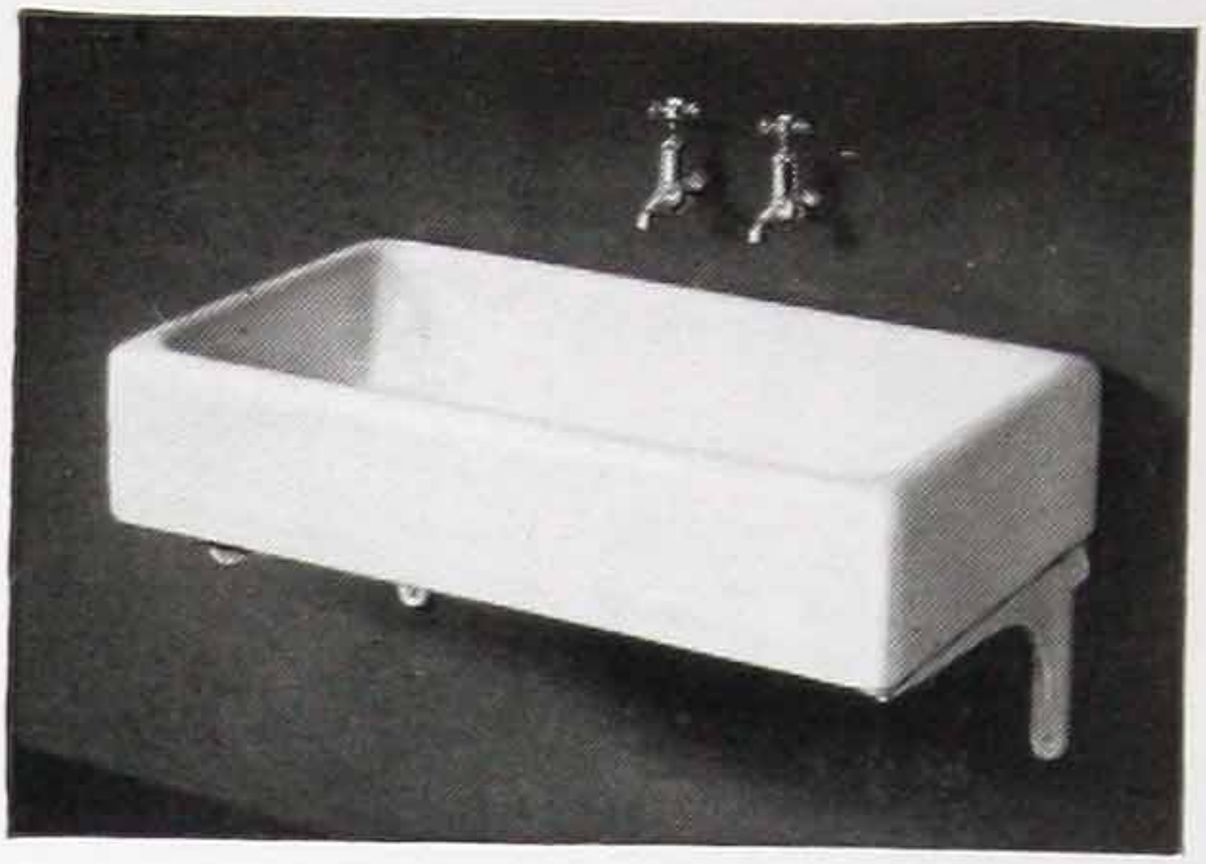
White glazed heavy fireclay with accessible weir overflow combined with waste in centre at back, similar to the Belfast sink but more attractive in appearance and giving facilities for the use of a soap tray.



Overall Size :
24 in. × 18 in. × 10 in.

A stainless steel removable soap tray can be supplied which has been designed to fit into the overflow ; as shown in the illustration (Extra.)

No. B 2443 LONDON PATTERN SINK



White glazed heavy fireclay without overflow, including ½ in. chromium-plated hot and cold bib taps, 1½ in. waste, plug and chain, and cast-iron cantilever brackets.

Overall Sizes :

20 in. × 16 in. × 6 in.
24 in. × 16 in. × 6 in.
24 in. × 18 in. × 6 in.
27 in. × 18 in. × 6 in.
30 in. × 18 in. × 6 in.
30 in. × 20 in. × 6 in.
36 in. × 20 in. × 6 in.

No. B 6358 SHELF PATTERN SINK

White glazed heavy fireclay with slot overflow combined with waste in centre at back. Holed for either pillar taps or sink mixer fitting.

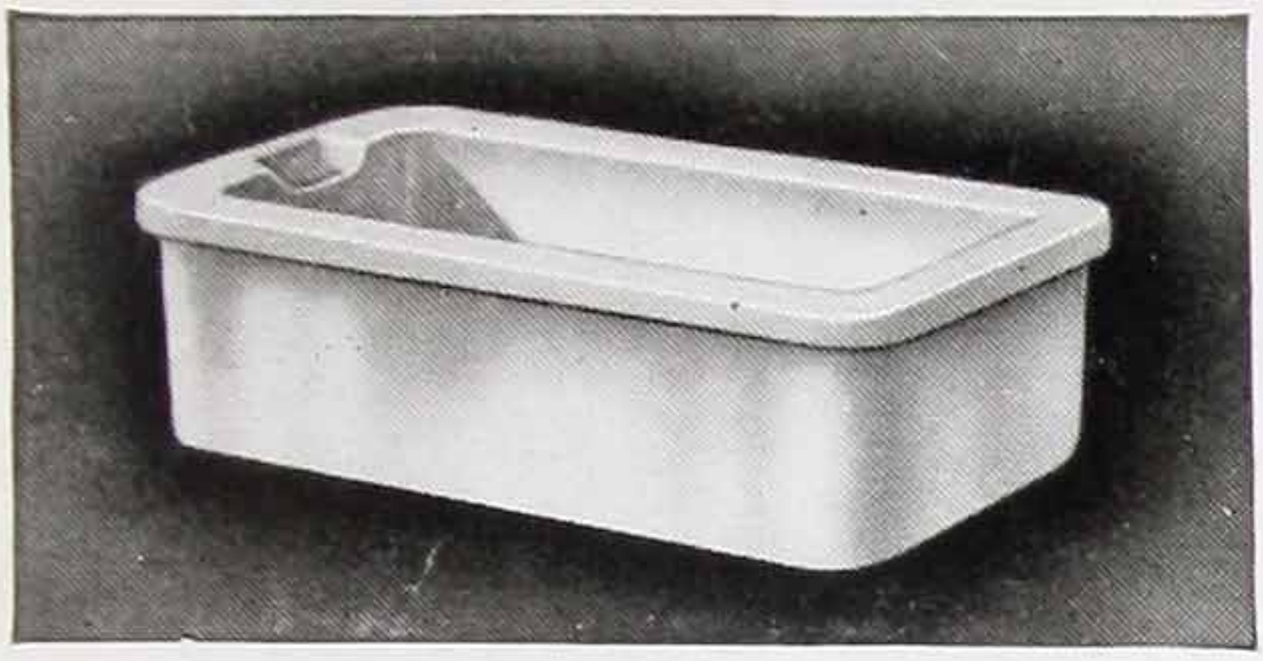
This is a competitively-priced sink with the advantage of a back shelf. The sides and bottom are open, giving access to the plumbing.

Overall Size:

24 in. × 20¾ in. × 10 in.

No. B 2459

LABORATORY SINK



White-glazed heavy fireclay with ½ in. rim projection all round ; open weir overflow combined with waste hole.

Overall Sizes :

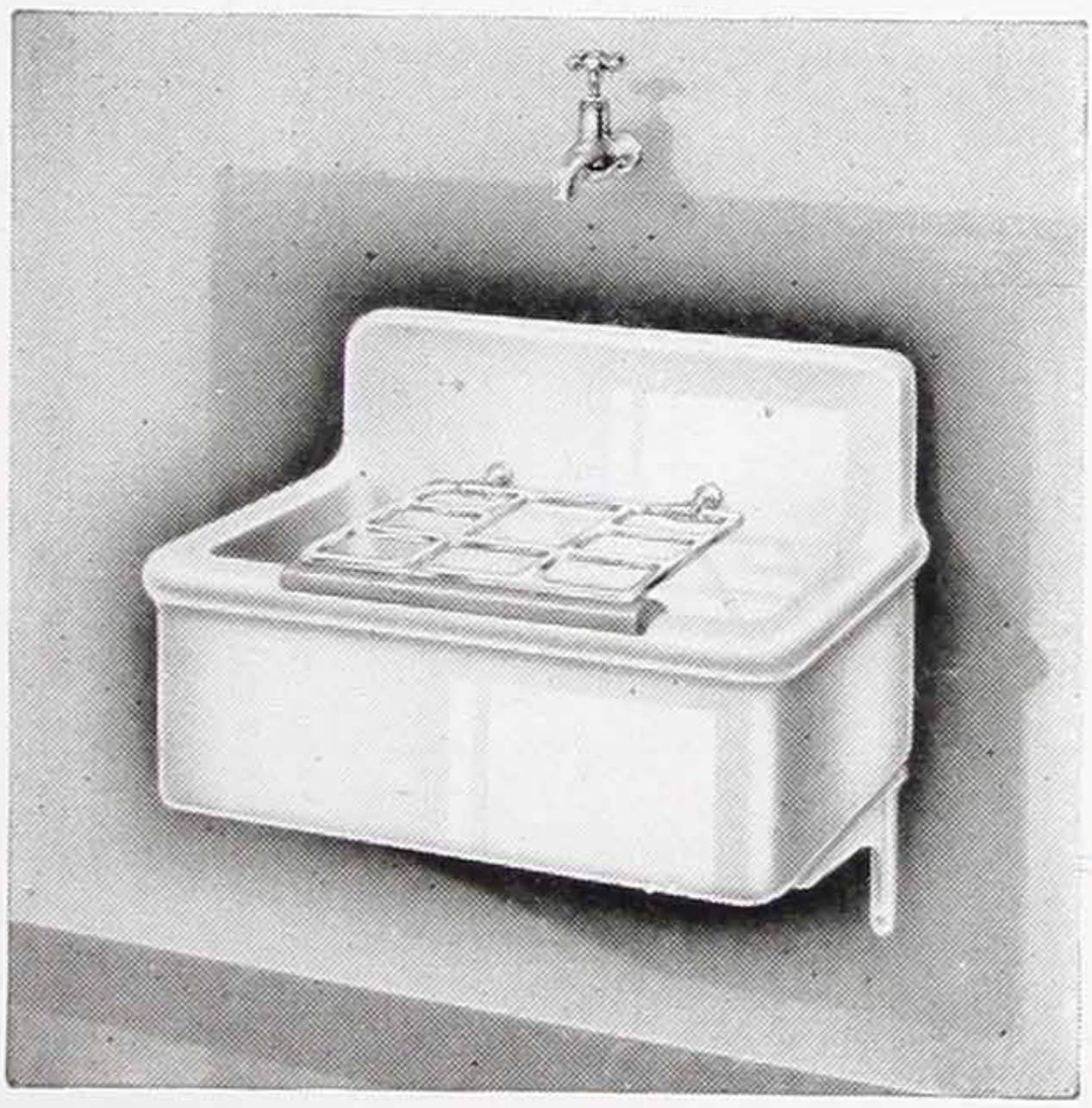
24 in. × 14 in. × 7 in.
18 in. × 15 in. × 7 in.
16 in. × 11 in. × 6 in.
12 in. × 10 in. × 6 in.

Laboratory Fittings are illustrated on Pages 132/3.

No. B 6359

CLEANERS' SINK

White-glazed heavy fireclay without overflow, hardwood pad on front rim, with fittings including polished brass or chromium-plated hinged bucket grating, ½ in. chromium-plated cold bib tap, 1½ in. waste with grating, and painted cast-iron supporting brackets.



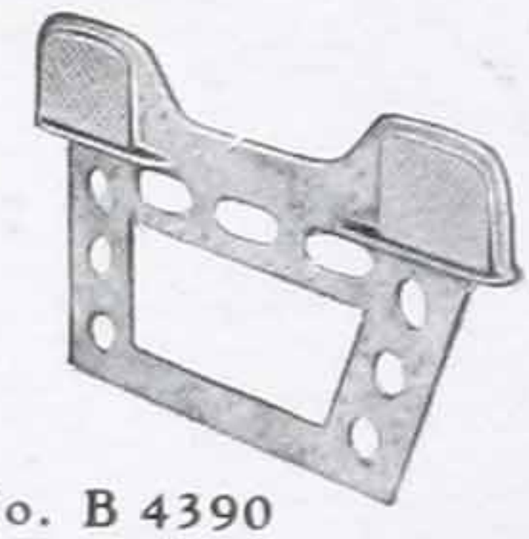
Overall Size : 18 in. × 14 in. × 7½ in.

No. B 6373 HOSTESS SINK UNIT

A cast-iron sink with acid-resisting porcelain-enamelled finish available with fluted drainer on the right or left-hand side ; with or without overflow. Concealed lugs are provided on the underside of the rim for fixing wall brackets or pillar legs. Fittings include ½ in. chromium-plated hot and cold mixer fittings with centre supply nozzle, 1½ in. waste with plug and chain. Supplied in white, cream, or opal green.

Overall sizes : Length—3 ft. 6 in., Width—21⅜ in.

A special waste hole for use with a crumb strainer waste fitting can also be supplied (extra).



No. B 4390
GALVANIZED WRINGER PLATE

For fixing between tubs. Any ordinary size of wringer can be attached

No. B 2511
CAST-IRON STANDARDS

For sinks with arm to screw to wall.

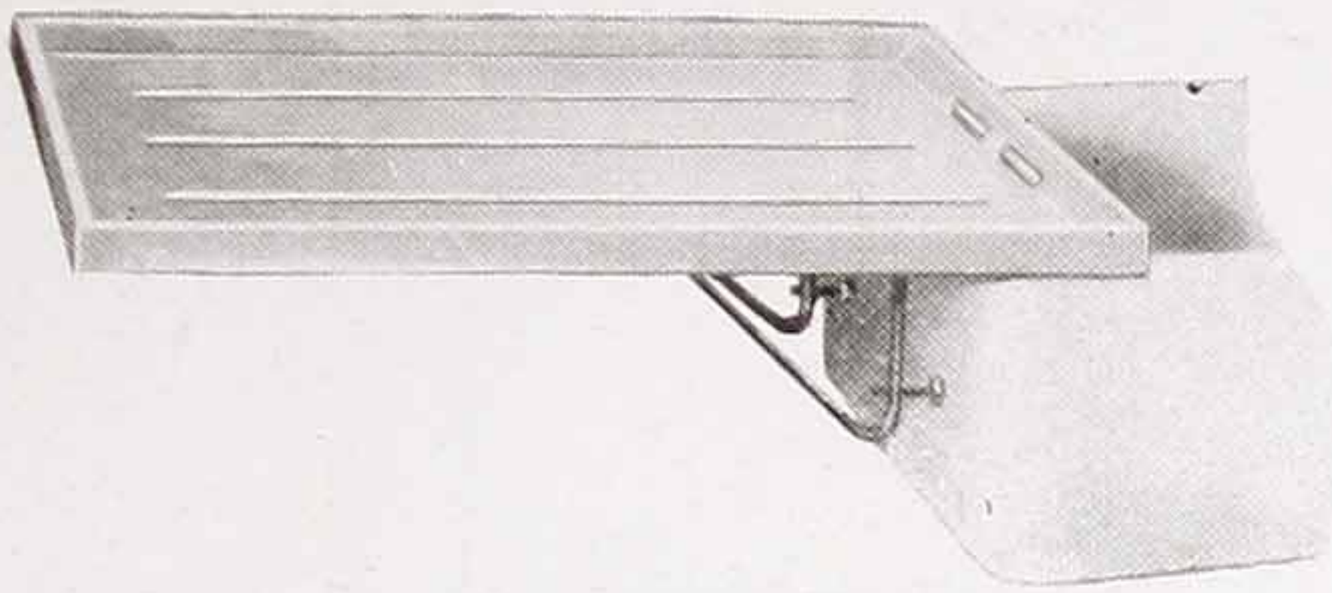
Height :
20 in. or 23 in.

White porcelain-enamelled
or
Plain-painted

No. B 2512
CAST-IRON
CANTILEVER BRACKETS

Suitable for fireclay sinks and wash tubs. With tail piece for building into wall. In pairs consisting of one plain bracket and one with cut-out as illustrated. Supplied white-porcelain enamelled or plain-painted.

SINK DRAINERS



No. A 3872
SINK DRAINER

"Namel" White Vitreous Enamel, Fitted with Adjustable Under-Carriage.

Sizes :

21 × 16¾ in. 24 × 16¾ in.

No. A 3920
SINK DRAINER

"Sphinx" White Vitreous-Enamel. Fitted with Adjustable Under-Carriage.

Sizes :

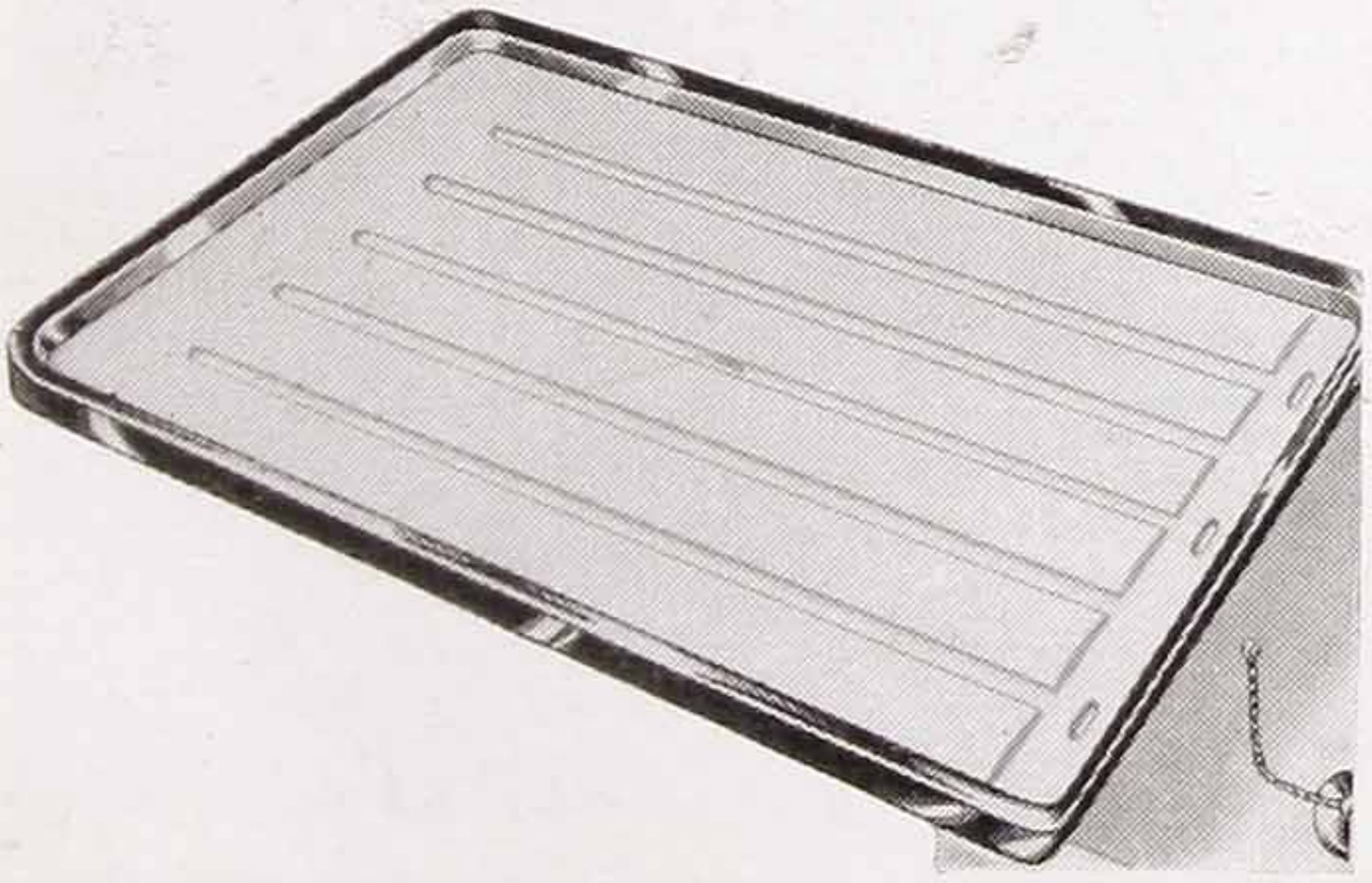
23 × 14 in. 27 × 16 in.

No. A 3922
SINK DRAINER

"Easiclene" White Vitreous-Enamel. Fitted with Adjustable Under-Carriage.

Sizes :

22 × 15 in.
24 × 16¾ in.



No. A 3921
SINK DRAINER

"Hartington" White Vitreous-Enamel With Adjustable Under-Carriage.

Sizes :

18 × 15 in. 22 × 15½ in.
24 × 17¼ in. 30 × 17¼ in.

No. A 3878
SINK DRAINER

"Hartington" Aluminium Alloy. Similar Construction to No. A 3921.

Sizes :

18 × 16 in. 24 × 16 in.
24 × 18 in. 27 × 18 in.
30 × 18 in. 36 × 18 in.

No. B 6255

THE UNITAS TOILET SUITE

Comprising 2, 2½ or 3-gallon cistern and cover, with special valveless siphon fittings; siphonic action pan with "P" or "S" trap, black plastic seat and cover. Pottery in best-quality white or coloured earthenware.

Height: 33 in.

Projection: 28 in.

No. B 6345

THE NEW UNIVERSIA TOILET SUITE

Comprising 2, 2½ or 3-gallon cistern and cover, with special valveless siphon fittings; straight front siphonic action pan with "P" trap, black plastic seat and cover.
Pottery in best quality white or coloured earthenware.

Height: 30 in.

Projection: 27½ in.

This suite can be supplied with a chromium-plated feed pipe to floor with control valve and chromium-plated overflow pipe to floor (extra).

The above suite is illustrated for "P" trap fixing but can be supplied with suitable bend to form an "S" trap if required.

No. B 6346

UNIT TOILET SUITE

A suite of distinctive appearance and perfect siphonic action; comprising 2, 2½ or 3-gallon cistern and cover with special valveless siphon fittings; siphonic action pan with "P" or "S" trap, black plastic seat and cover; pottery in best quality white or coloured earthenware.

Height: 33½ in.

Projection: 28 in.

No. B 6347

THE "UNITONA" TOILET SUITE

A boldly-designed suite, functionally similar to the above but of completely different appearance; comprising 2, 2½ or 3-gallon cistern and cover with special valveless siphon fittings; siphonic action pan with "P" or "S" trap, black plastic seat and cover.

Pottery in best quality white or coloured earthenware.

Height: 31½ in.

Projection: 26 in.

No. B 4239

SILENT SIPHONIC
TOILET SUITE

Comprising 2, 2½ or 3-gallon cistern and cover, with valveless siphon fittings and wall supports; flush bend with pressure reducing fitment, silent siphonic pan with "P" or "S" trap, black plastic seat and cover. Pottery in best quality white or coloured earthenware.

Height: 39 in.

Projection: 30½ in.

No. B 6258

SIPHONIC
TOILET SUITE

Comprising 2, 2½ or 3-gallon cistern and cover with 1½ in. valveless siphon fittings and wall supports and enamelled flush pipe; siphonic "P" or "S" trap pan with black plastic seat and cover. Pottery in best quality white or coloured earthenware.

Height: 41 in.

Projection: 30 in.

No. B 6275

TOILET SUITE

Comprising 2, 2½ or 3-gallon cistern and cover with 1½ in. valveless siphon fittings and wall supports, flush bend with connection, w.c. pan with "S" or "P" trap, black plastic single seat; pottery in best quality white or coloured earthenware.

Height: 41 in.

Projection: 29 in.

No. B 4348. TOILET SUITE

Specially designed to give the minimum projection from front to wall face.

Comprising 2 or 2½-gallon cistern and cover with 1½ in. valveless siphon fittings and wall supports, chromium-plated cranked flush bend with connection, w.c. pan with "S" or "P" trap, black plastic ring pattern seat with cover; pottery in best quality white or coloured earthenware.

Height:
2-gallon size, 39 in.
2½-gallon size, 39¾ in.

Projection: 25 in.

Also supplied with a white porcelain-enamelled cranked flushbend.

No. B 6348. TOILET SUITE

Comprising 2, 2½ or 3 gallon Torcade black highly glazed moulded composition cistern and cover with valveless siphon fittings, chromium-plated end lever and wall supports ; white porcelain-enamelled flush bend with connection ; white earthenware w.c. pan with P or S trap, black plastic seat and cover.

Height	...	39 in.
Projection	...	30 in.

The above toilet suite can be supplied with pottery in colours and a chromium-plated flush bend. (Extra.)

No. B 6349. TOILET SUITE WITH VICTORY VALVE

Comprising chromium-plated Victory flushing valve arranged to flush either 2, 2½ or 3 gallons, operated by lever handle, complete with chromium-plated flush bend, w.c. connection and wall clip ; white earthenware w.c. pan with P or S trap ; white lacquered wood ring pattern seat and cover.

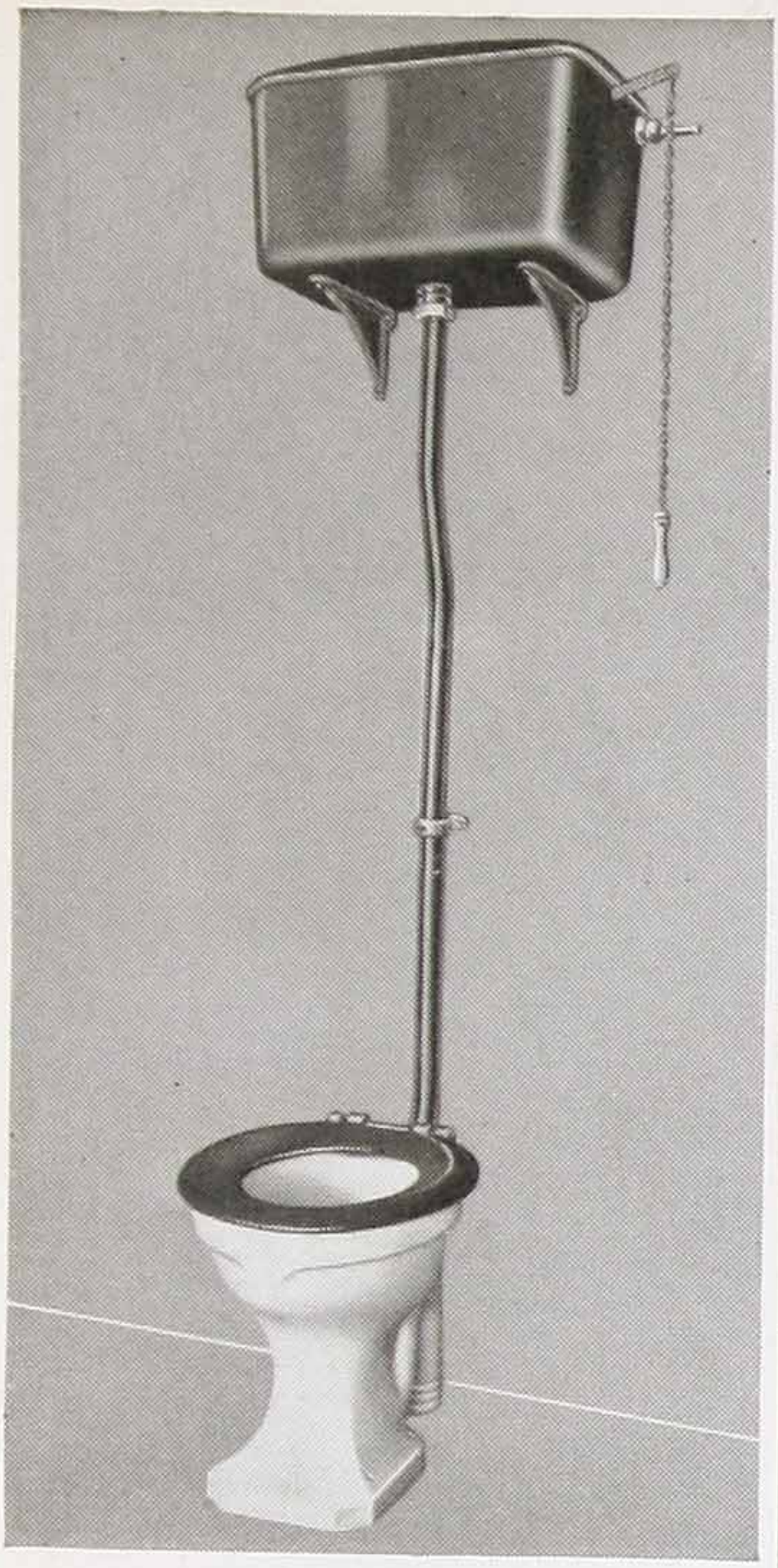
Height	...	42 in.
Projection	...	26 in.

This w.c. suite can be supplied with pottery in colours and alternative types of w.c. seats to match.

Note on the installation of Flushing Valves :

It is essential that Victory Valves are connected to a separate storage tank and fed by pipe of the correct diameter to suit the head of water.

We shall always be pleased to give advice on this matter if dimensioned sketches showing proposed layouts are submitted.



No. B 6259

HIGH-LEVEL TOILET SUITE

Comprising 2, 2½ or 3-gallon black moulded composition flushing cistern and cover with 1¼ in. valveless siphon fittings, galvanized chain and pull, and cast-iron supporting brackets ; black plastic flush pipe with connecting cone ; white earthenware washdown pan with " S " or " P " trap, black plastic single ring seat.

No. B 2390

PEDESTAL SLOP HOPPER

Ware in white-glazed heavy fireclay. Comprising pedestal slop hopper with 4 in. back and side skirtings, " S " or " P " trap, fixed hardwood pad on front. Fireclay cistern with cover, valveless siphon fittings, chain pull with ring guide and white porcelain-enamelled brackets. 1¼ in. brass flush pipe and clips. Polished brass hinged bucket grating.

Also supplied with exposed brasswork chromium-plated.

Overall Size :
Hopper 18 in. × 18 in. × 18 in.

No. B 6354

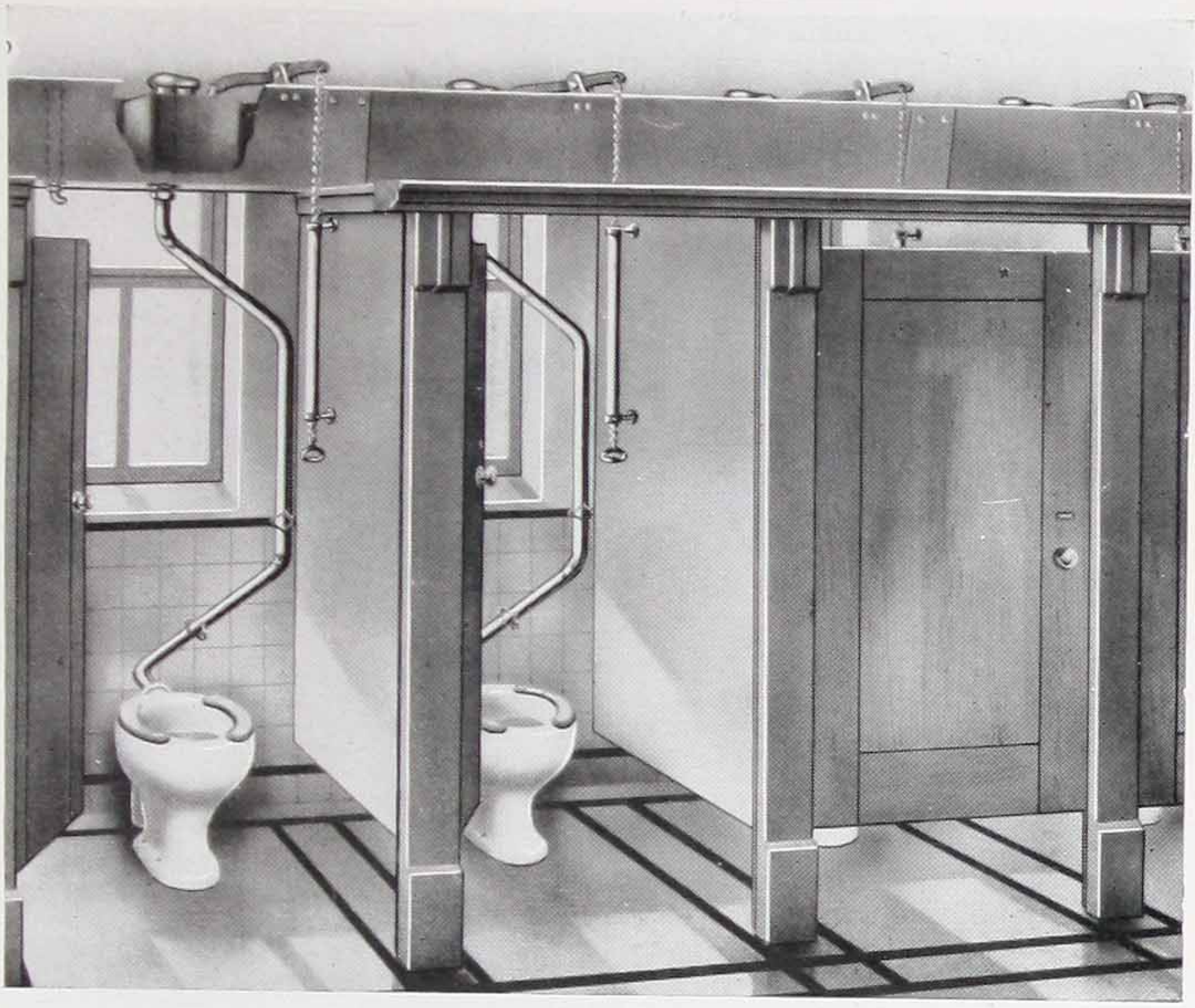
SLOP HOPPER AND SINK UNIT

Ware in white-glazed heavy fireclay. Comprising pedestal slop hopper with 4 in. back and side skirtings, S or P trap and hardwood pad on front ; plain edge Belfast sink with weir overflow, plain drainer with beaded edge. Brass hinged bucket grating for hopper ; ½ in. hot and cold bib taps with exposed unions and wall mounts ; 1½ in. waste fitting with plug, chain and stay for sink outlet and including connecting pipe to hopper. Fireclay cistern with cover, valveless siphon fittings, chain pull and white porcelain-enamelled brackets ; 1½ in. flush pipe and clip.

All exposed brasswork chromium-plated.

Overall Sizes :

Hopper :	18 in. × 18 in. × 18 in.
Sink :	24 in. × 18 in. × 10 in.
Drainer :	24 in. × 18 in.



No. B 1650

HEAVY GLAZED FIRECLAY W.C. PANS WITH CONTINUOUS FLUSHING FEED SYSTEM

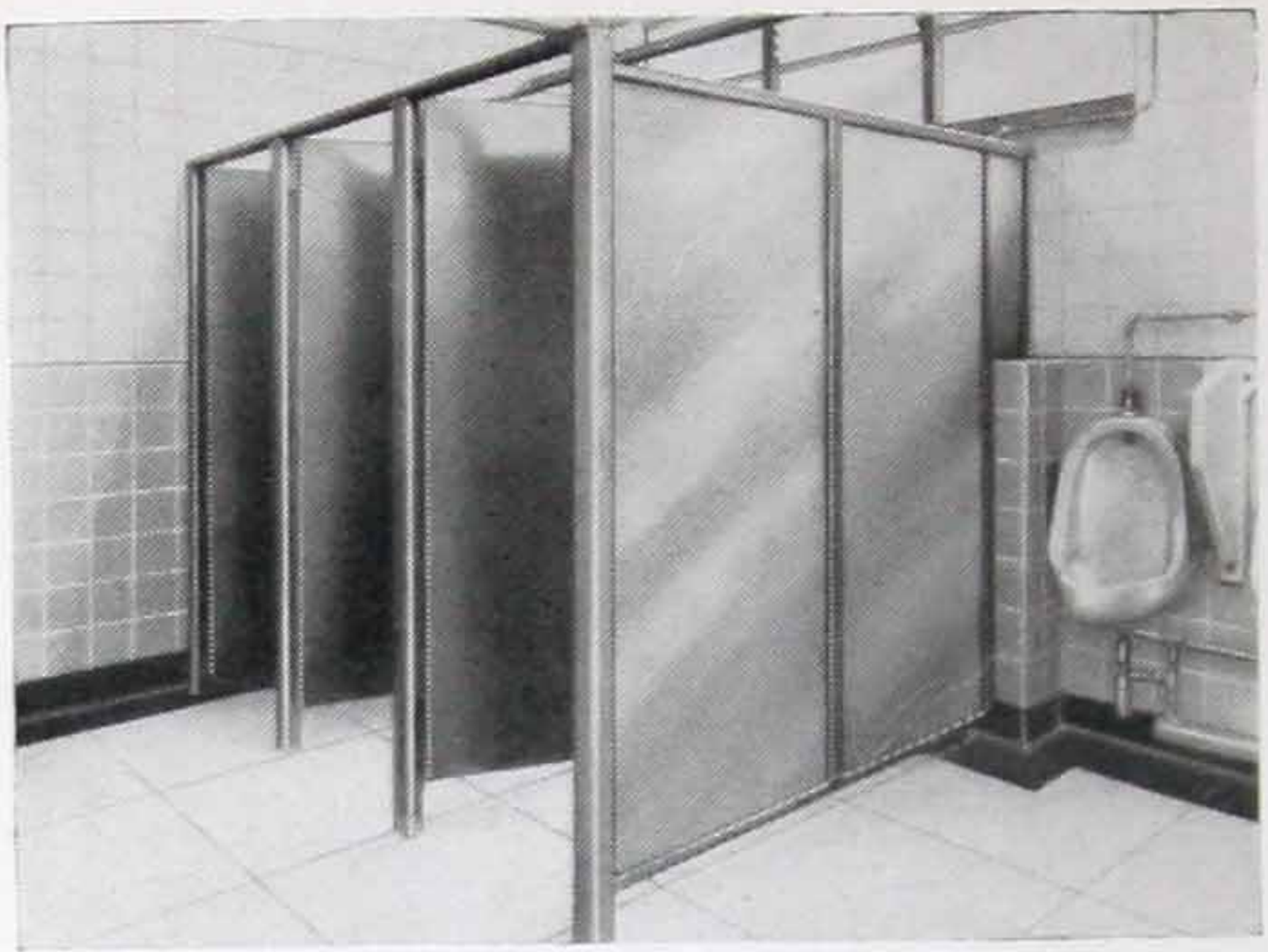
Comprising heavy white fireclay washdown pans, 16 in. high, 45 lbs. weight with S or P traps (with or without vent as required), fixed hardwood seat pads and horizontal inlets. Galvanized steel continuous trough with 6 in. lapping pieces and stop ends bolted together, $1\frac{1}{4}$ in. rustless siphons with galvanized containers and ball valve and overflow. Strong galvanized chain pulls with stirrup handles, and galvanized cantilever brackets to support trough. Including $1\frac{1}{4}$ in. galvanized steel telescopic flush pipes approximately 5 ft. 6 in. long, with clips for back wall fixing.

Centres not exceeding 3 ft. 6 in. Flush, 2 gallons per pan.

This system has been specially designed for school and factory use, where during allotted periods the W.C.s are constantly in use and require flushing every few seconds.

NOTE.—Can be supplied to suit any centres, corner or back wall flush pipes, left or right-hand, also back wall pull, bracket or partition fixing.

When ordering, please state overall distance between walls, centres and thickness of partitions: also height to top of partition and any structural details that may be necessary.

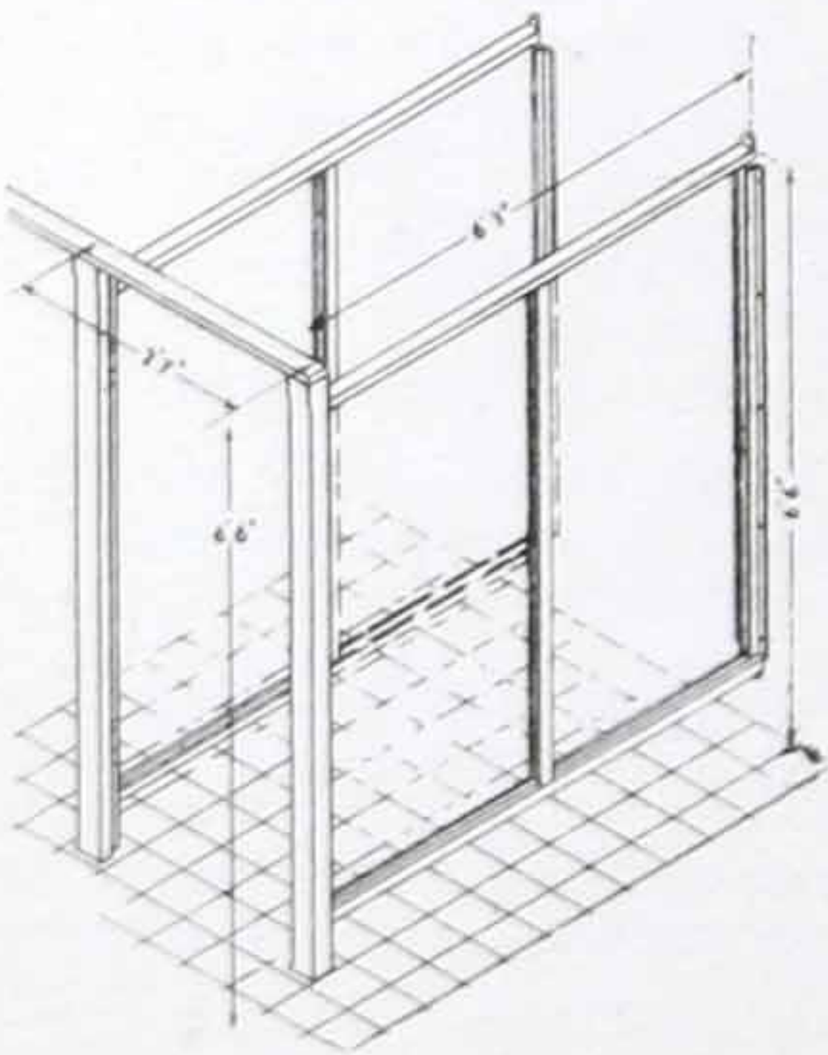


"BEANCO" GLAZED LAVATORY DIVISIONS

The posts and rails are all made of cast-iron which, when painted, is almost rust-free.

Being heavily constructed, vibration is almost eliminated.

Twin sheets of glass sandblasted on one side are placed together, presenting a glazed external surface on each side of the divisions ; these glazed surfaces are easily washed down.



Our existing patterns can be modified to suit special circumstances, if necessary.

"BEANCO" GLAZED LAVATORY DIVISIONS

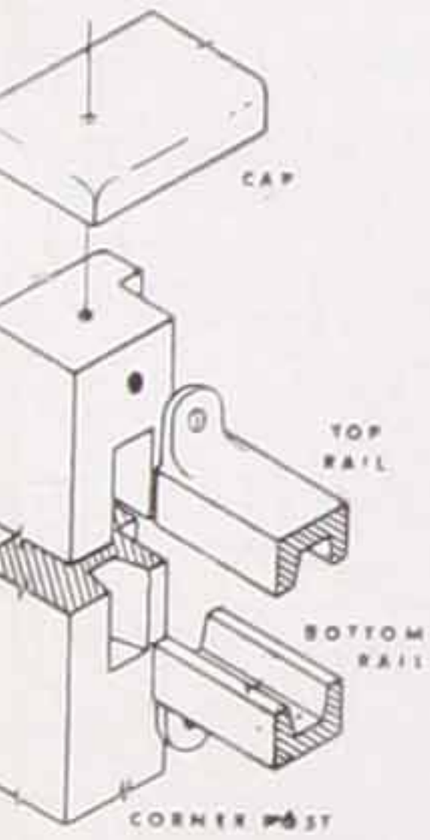
Special features are :—

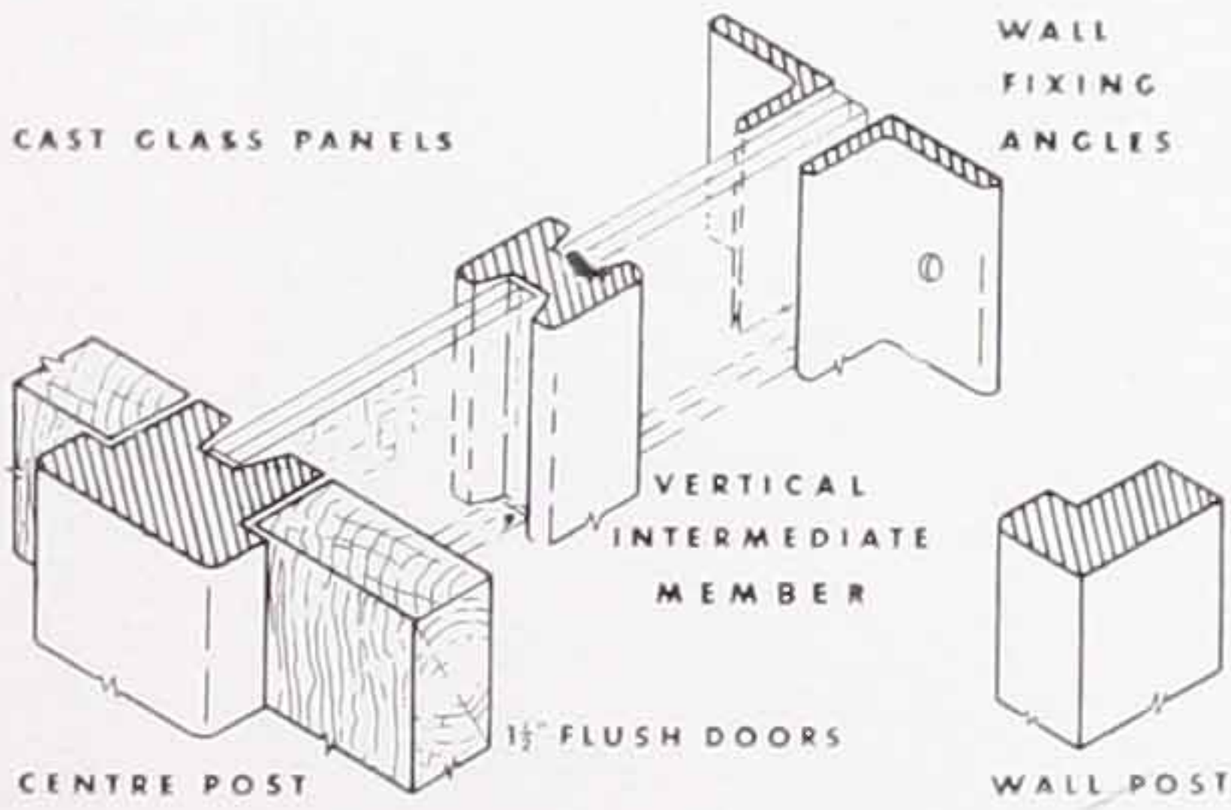
orizontal bars along the front event lateral vibration.

ecial plates are fitted to accom-odate toilet paper fittings.

6-in. space is left at the bottom to ow for thorough cleansing of the or.

e divisions, being 6-ft. 6-in. mini-um height ensure complete privacy.





No. B 1559

PEDESTAL W.C. PAN

Best Quality White-glazed Earthenware

Cut-away front and seat lugs.

"S" or "P" trap.

Turned "P" traps also supplied (extra).

No. B 6350

SIPHONIC

PEDESTAL W.C. PAN

Best Quality White-glazed Earthenware.

Straight front and seat lugs. "P" trap.

For "S" trap fixing can be supplied with suitable bent connection.

No. B 1561

PEDESTAL W.C. PAN

Best Quality White-glazed Earthenware.

Full front, bottom outlet, and seat lugs.

When ordering state if Front, Centre, or Back Outlet required.

No. B 6351.

PEDESTAL W.C. PAN

Standard quality white-glazed heavy fireclay ; with horizontal inlet and seat lugs. "S" or "P" trap with or without anti-siphon vent ; average weight, 45 lb.

Height : 16 in.

No. B 6352.

PEDESTAL W.C. PAN

Standard quality white-glazed heavy fireclay, with horizontal inlet and fitted with plain hard-wood seat pads.

"S" or "P" trap with or without anti-siphon vent.

Height : 16 in.

No. B 6353.

SCHOOL PEDESTAL W.C. PAN

Standard quality white-glazed heavy fireclay ; with horizontal inlet, "S" or "P" trap with anti-siphon vent, and brass inspection cap. Black plastic open front single w.c. seat with moulded pillar hinges.

Height : 14 in. or 12 in.

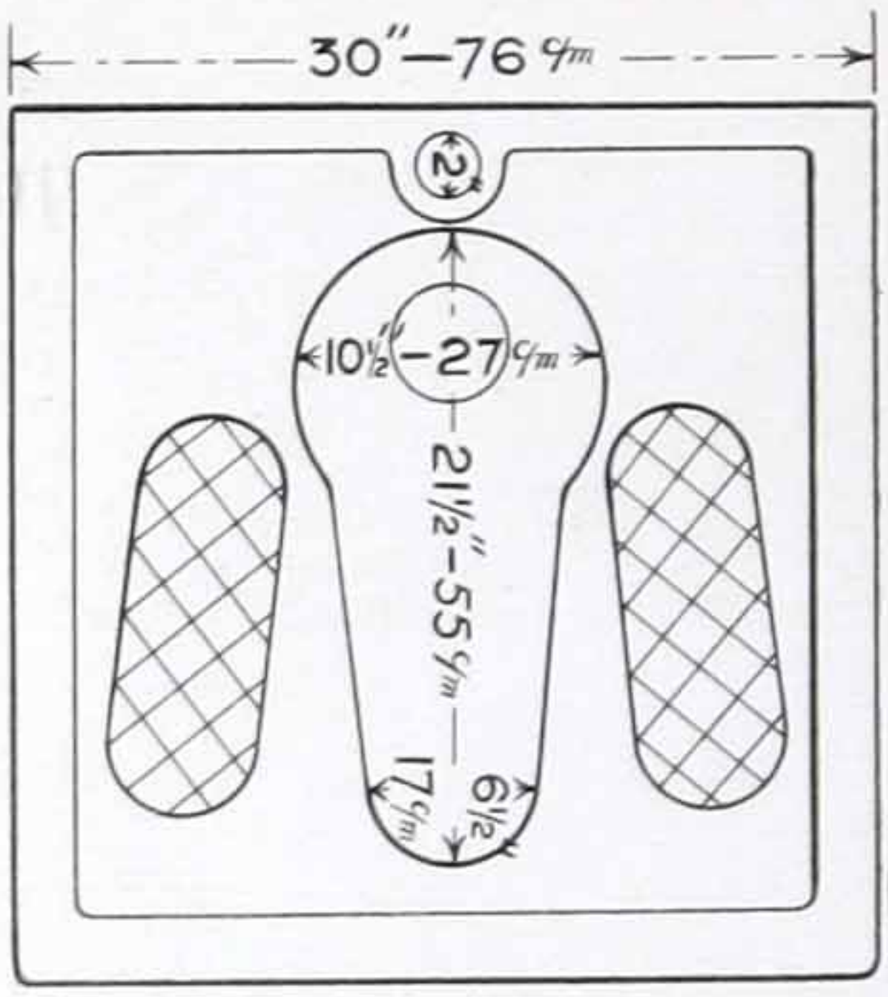
This w.c. pan can also be supplied without the anti-siphon vent.

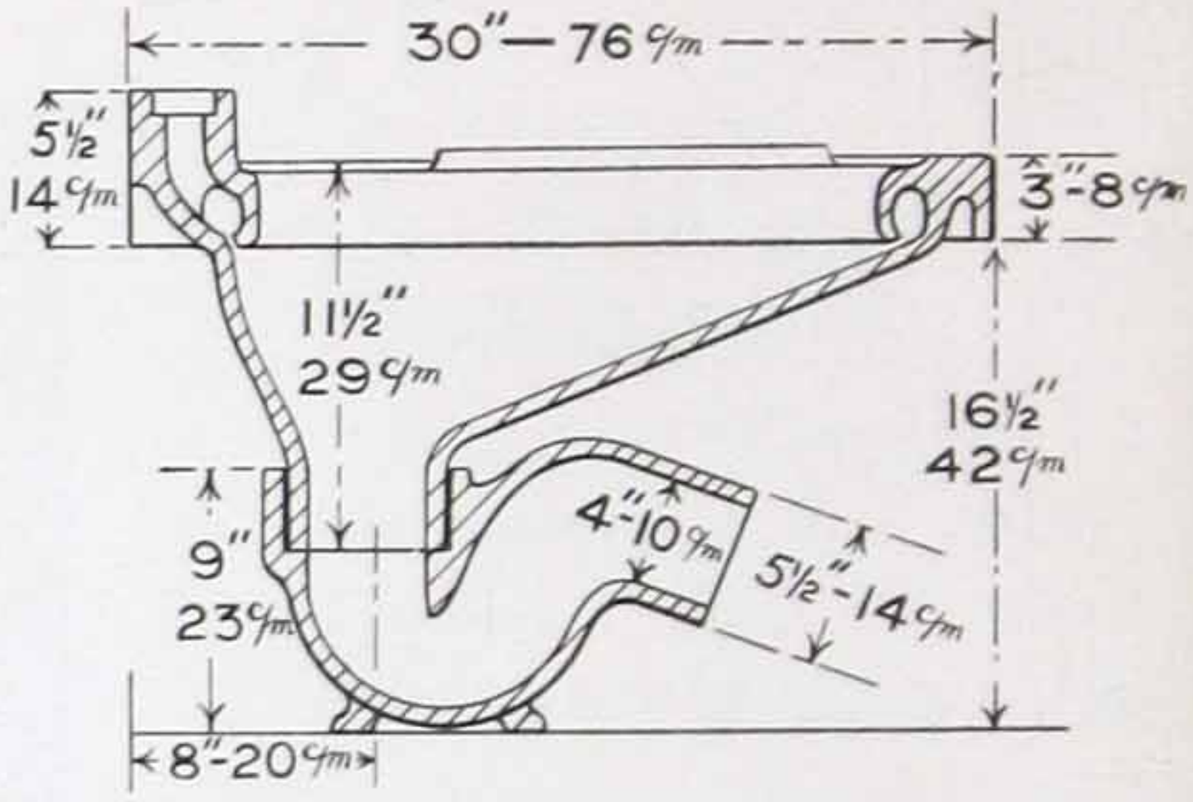
MONKEY PANS AND ORIENTAL TYPE CLOSETS

No. EX 4075

ORIENTAL CLOSET

White glazed fireclay, upper with back skirting vertical inlet, pear shaped opening, integral treads and integral pan, with flushing rim ; separate white glazed fireclay "P" trap 4″ (10 cm) bore ; overall size of upper 30″ × 30″ (76 cm × 76 cm) Also obtainable size 30″ × 24″ (76 cm × 61 cm) ; with "S" trap.





No. EX 4074

ORIENTAL CLOSET

White glazed fireclay upper with horizontal flushing inlet fan spreader and integral treads. Outlet 3½″ (9 cm). Bore 4¾″ (12 cm) Outside diameter : Overall size 25″ × 24″ (64 cm × 61 cm). Alternatively with vertical inlet.

No. EX 4070

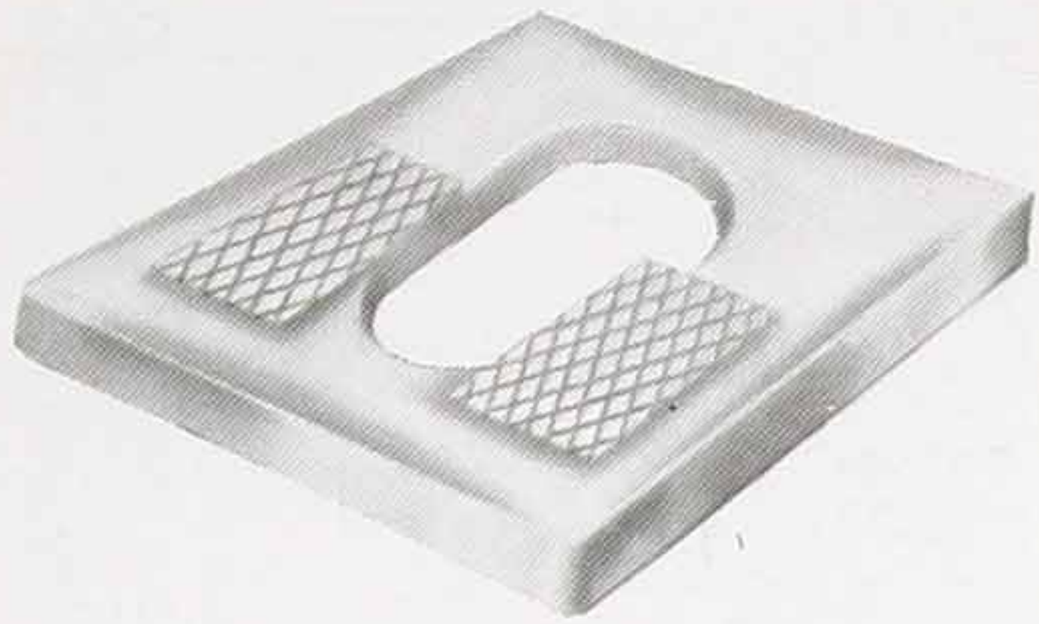
URINAL PLATE

White glazed fireclay urinal plate with integral treads ; 20″ × 14″ × 2½″ overall (51 cm × 36 cm × 6 cm).

No. EX 4071

TREAD PLATE

White glazed fireclay closet upper with pear shaped opening and integral treads ; 20″ × 20″ × 2½″ (51 cm × 51 cm × 6 cm) overall ; variations No. EX 4072 with round opening and integral treads. Also No. EX 4073 with 1¼″ (3 cm) skirting and integral treads.

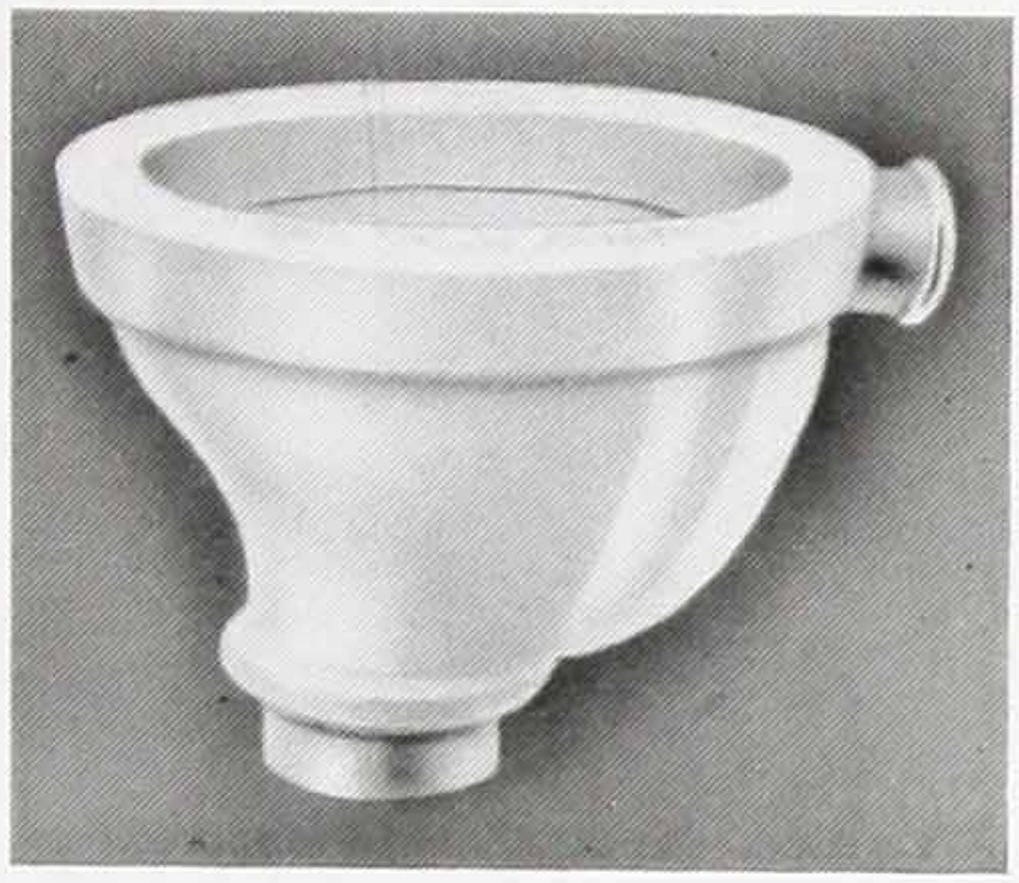


No. EX 81

SHALLOW

MONKEY PAN

C/W ; single or double tongue. Height above flange 9½″. Diameter at top 15″ × 13½″.



We should also be pleased to quote for :—

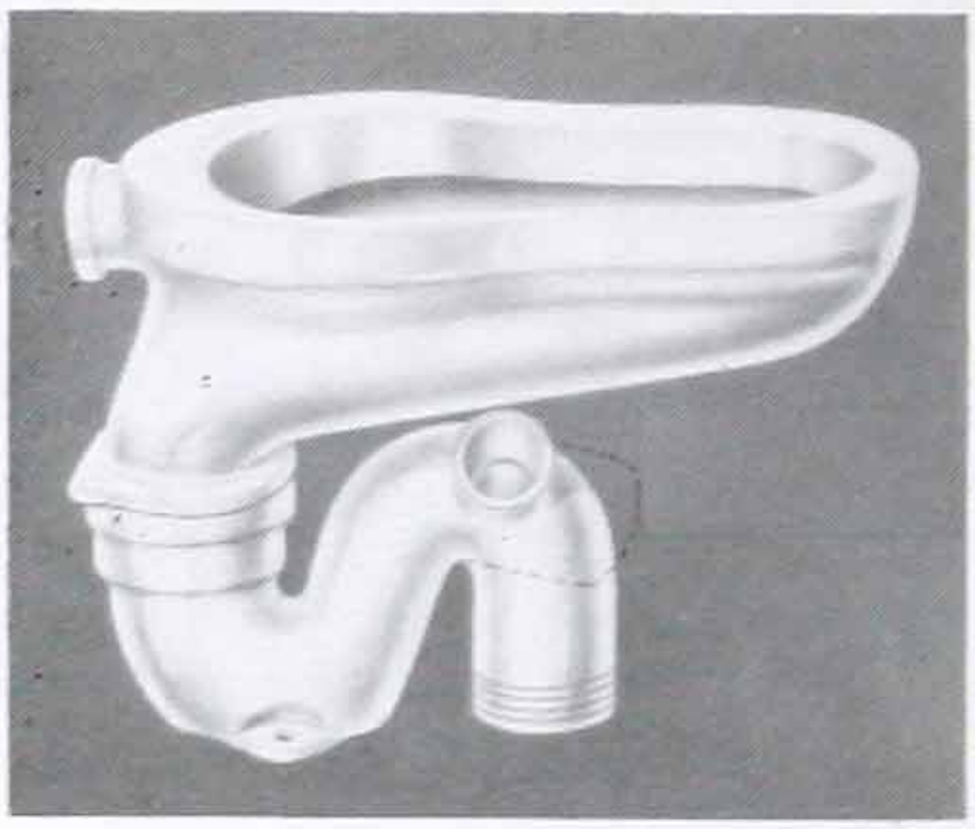
Salt glazed stoneware pipes and fittings etc., asbestos cement and galvanised iron sheets, flat and corrugated ; cement, roofing felt and compound, damp courses, sanitary earthenware and fireclay goods, nails, tiles, cast iron baths, fishing nets, cords and lines and hooks. All kinds of Builders and Plumbers ironmongery and hardware, paints, brass coffins, shrouds and coffin furniture, flushing cisterns and flush pipes, etc. Galvanised fencing, chain link fencing, tools, hospital equipment, washing fountains, cutch cork, lead sheet or pipe, rainwater goods, malleable iron fittings.

Current prices on receipt of specification.

ELEPHANT BRAND
SQUATTING CLOSETS

No. EX 1400

"NOTORIA" in earthenware complete with "P" or "S" trap, white or in colours. Length at top (including inlet) 18″ (46 cm).



No. EX 1374

"DURONIA". Inlet at broad end and complete with "P" or "S" trap. Length at top (excluding inlet) 27″ (69 cm) 25″ (51 cm) 23″ (58 cm) 20″ (51 cm) 18″ (46 cm).

No. EX 1373

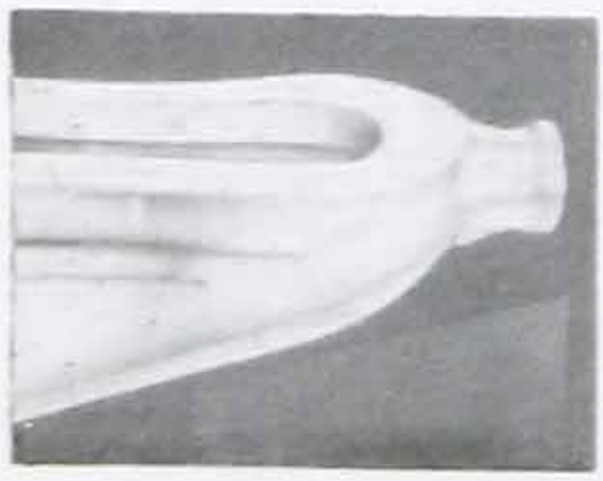
"DURIA" as above but inlet at narrow end (see inset below).

No. EX 1334

"ASCANIA" Inlet at broad end and complete with "P" or "S" trap. Length at top 23″ (58 cm) excluding inlet.

No. EX 1333

"ANDANIA" as above, but with inlet at narrow end (see inset below)



Inset showing inlet at narrow end, as for Nos. 1373 and 1333.

ELEPHANT BRAND SQUATTING CLOSETS AND FOOT TREADS (not fireclay) obtainable in following fadeless colours :—Ivory, cream, beige, green, jade, coral, primrose, blue, peony, black.

No. EX 5003
CISTERNS

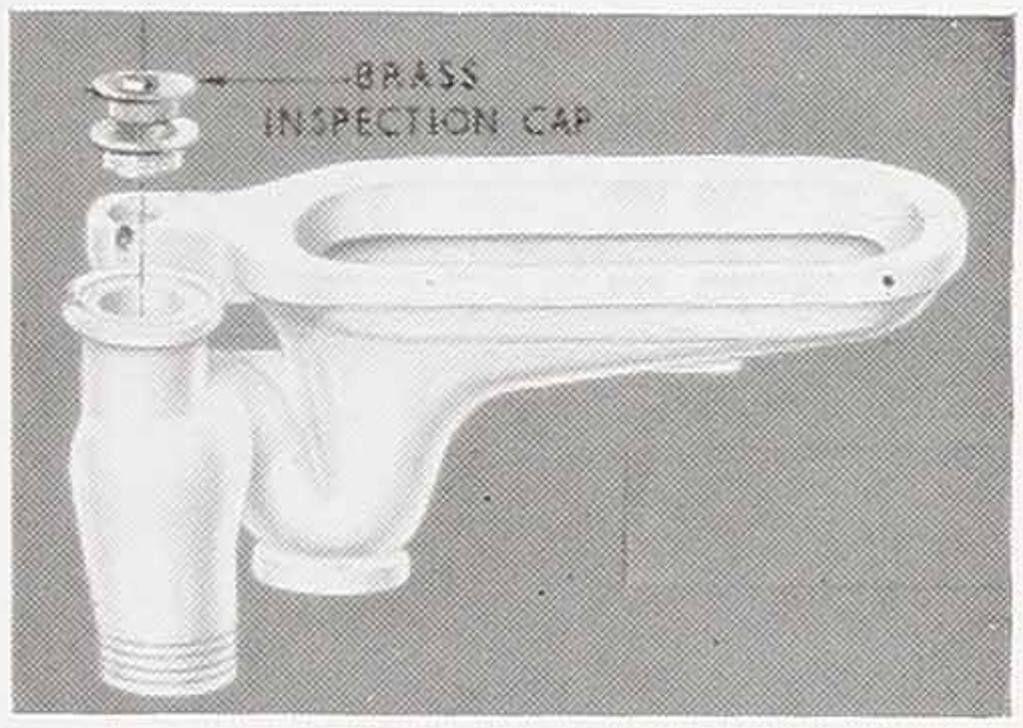
"DEPENDA". Cast iron cistern with cover, painted in and out, ball siphon ½″ (13 mm) ball valve ¾″ (19 mm). Overflow (reversible) lever, galvanised chain and pull, lugs for screwing to wall. Capacity. 2, 2½ or 3 gallons (9, 11 or 14 litres). Also available in galvanised steel—specify EX 5018.

No. EX 1627
FLUSH-PIPE

Galvanised steel adjustable flush-pipe, with wall clip, 1¼″ (32 mm) bore.

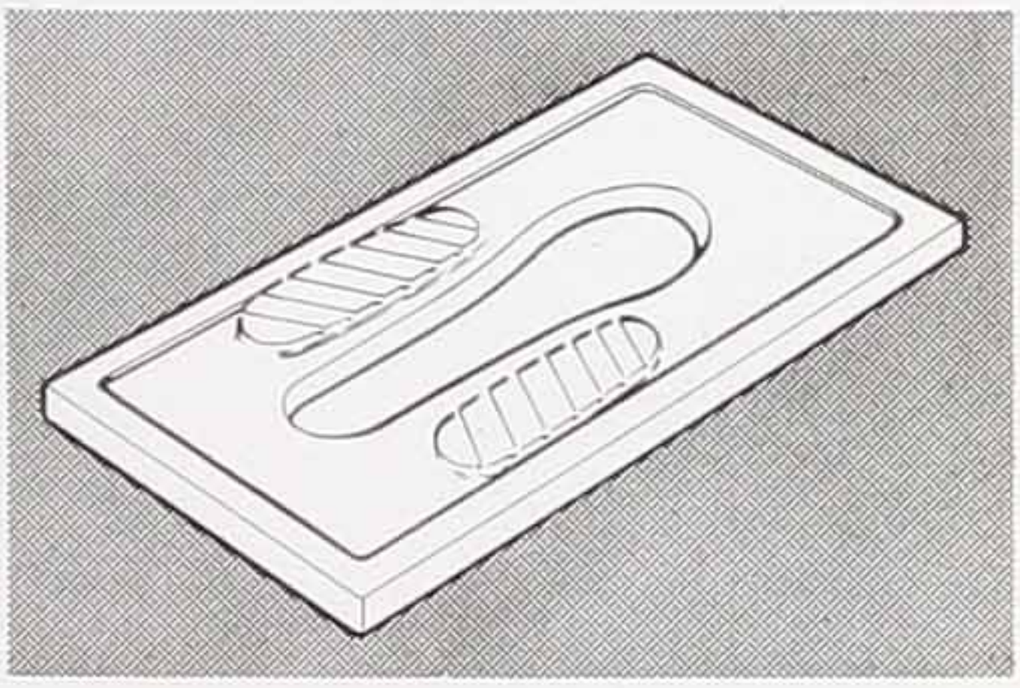
No. EX 1651
FLUSH-PIPE

Flushpipe as above but in black plastic material.



No. EX 1338
SQUATTING CLOSET

"VIDURIA" with integral trap at right or left hand side and vent over trap to facilitate inspection and cleaning. Length overall—27¾″ (70 cm). Extra brass inspection cap.



No. EX 1350
TREAD PLATES

Rectangular floor plate in white fireclay, with foot treads. No flushing rim. Overall size 30″ × 24″ (76 cm × 61 cm). This plate is suitable for No. EX 1334 and 23″ size No. EX 1374.

No. EX 1346
FOOT TREADS IN EARTHENWARE
10″ × 5″ (25 cm × 13 cm)

When writing for prices please give full details of pattern, size, quantity and colour required.

CLOSET HOPPERS
Earthenware

No. B 1618
COTTAGE PAN

Height with trap, 15½ in.
Cane & White.

No. B 1619
LIVERPOOL PAN

Height with trap, 16½ in.
Cane & White.

No. B 1620
OVAL COTTAGE PAN

Low—
Height with trap, 16½ in.
Tall—
Height with trap, 18 in.
Cane & White.

No. B 1625
S TRAP

Cane in and out.

No. B 1623
STRAIGHT-BACK HOPPER

With S or P Trap.

Height with trap, 16½ in.
Diameter, 15½ × 14¾ in.
Outlet inside, 4½ in.

Hopper only,
Cane & White
Traps, Cane in and out.

No. B 1626
P TRAP

Cane in and out.

No. B 1621
SHORT HOPPER

Height with trap, 18 in.
Diameter, 14 in.
Cane & White.

No. B 1622
TALL HOPPER

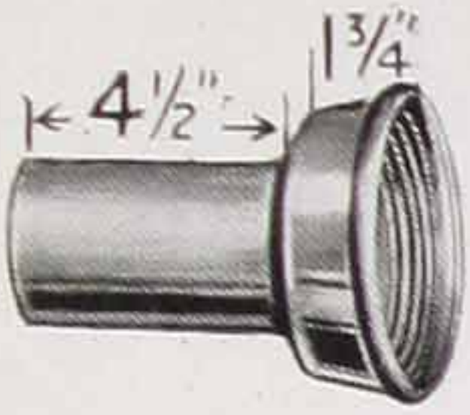
Height with trap, 21 in.
Cane & White.

No. B 1624
TALL HOPPER

Height with trap, 21 in.
Cane & White.

Special Prices for large quantities. Any Pattern supplied with or without Trap.

SOIL PIPE FITTINGS, Etc.

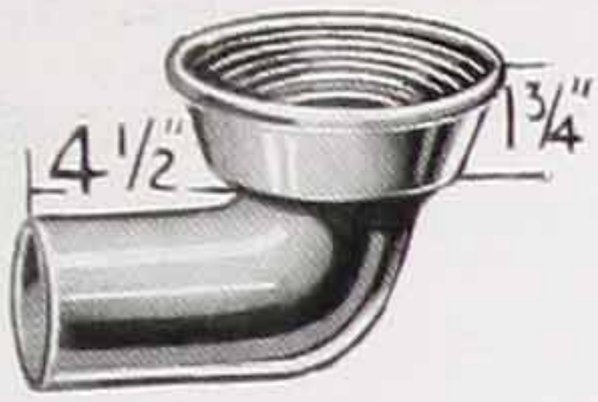


No. B 2956
CONNECTING SOCKET

Cast Lead, Iron-lined.

Straight.
Size of Socket at smallest part :
4¼ 4⅝ 5 5⅜ 5¾ in.

Size of Pipe :
3½ and 4 in.



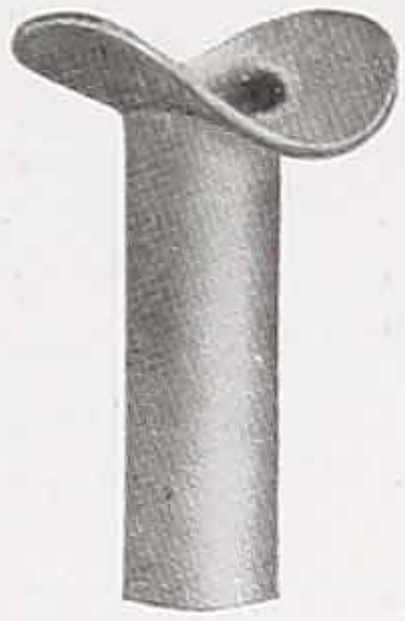
No. B 2957
CONNECTING SOCKET

Cast Lead, Iron-lined.

With bent Tail in 6 lb. and 8 lb. Lead.

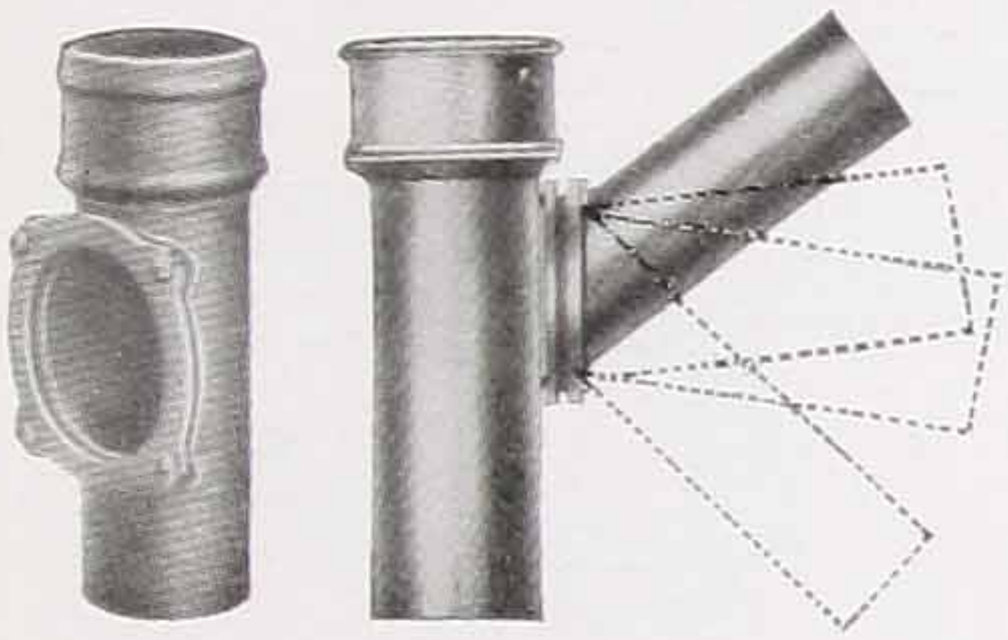
Size of Socket at smallest part : 4¼ 4⅝ 5 5⅜ 5¾ in.

Bend : 3½ and 4 in.



No. B 2962
LEAD FUNNEL for GUTTERS

1¾-in. dia.	...	4-in.	long
2-in.	,,	... 4¼-in.	,,
2¼-in.	,,	... 4¼-in.	,,
2½-in.	,,	... 4½-in.	,,
2¾-in.	,,	... 4¾-in.	,,
3-in.	,,	... 5-in.	,,
3¼-in.	,,	... 5-in.	,,



No. RW 2965
TAYLOR'S JUNCTION
(cast-iron)

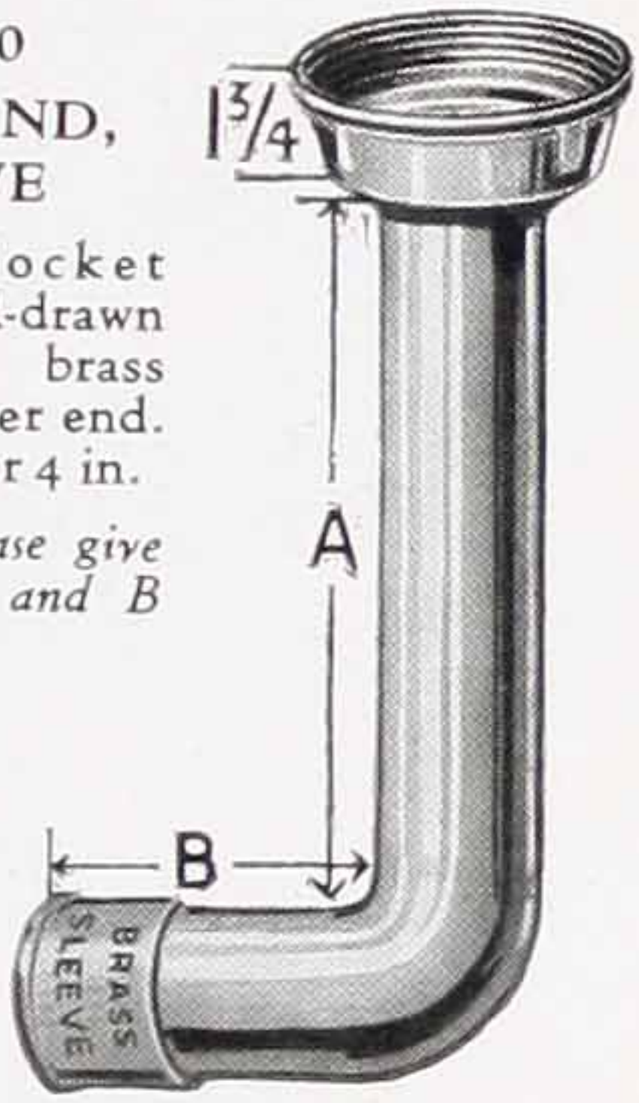
3½ or 4 in. $\frac{3}{16}$-in. Metal

Illustration above shows the various angles at which the pipe may be laid to junction.

No. B 2970
SOCKET, BEND, and SLEEVE

Hard metal Socket burned on to solid-drawn lead bend, with brass sleeve fitted at other end. Dia. of Bend : 3½ or 4 in.

When ordering please give exact length at A and B and size of socket.



No. B 1709
CAST-BRASS SOCKET BEND

For Siphonic W.C.s
Socket 4¾ in. I/D.
Outlet 3½ in. O/D.

No. B 2971
RIGEDA HARD METAL CONNECTING SOCKET

3⅜, 4¼, 4⅝, 5, 5⅜, 5¾ and 6⅜-in. inside diameter at smallest part.

No. B 1710
POTTERY SOCKET BEND

For Siphonic W.C.s
Socket 4¾ in. I/D.
Outlet 3½ in. I/D.

SOIL PIPE FERRULES

No. B 2950 CAST-BRASS

Bore		Length
4¼ in.	...	5 in.
3¾ ,,	...	5 ,,
3¼ ,,	...	5 ,,
2¾ ,,	...	4 ,,
2¼ ,,	...	4¼ ,,
1¾ ,,	...	4 ,,

No. B 2952 SOLID DRAWN BRASS

Bore		Length
4¼ in.	...	5 in.
3¾ ,,	...	4½ ,,
3¼ ,,	...	4 ,,
2¾ ,,	...	3¾ ,,
2¼ ,,	...	3¾ ,,
1¾ ,,	...	3¾ ,,

SOIL PIPE SOCKETS

No. B 2951 CAST-BRASS

5¾ × 4¼ in.
5⅜ × 4¼ ,,
5¼ × 4¼ ,,
5¼ × 3¾ ,,
5 × 4¼ ,,
5 × 3¾ ,,
4½ × 3½ ,,
3¼ × 2¼ ,,
3 × 2 ,,

No. B 2953 SOLID DRAWN BRASS

5¾ × 4¼ in.
5⅜ × 4¼ ,,
5¼ × 4¼ ,,
5¼ × 3¾ ,,
5 × 4¼ ,,
5 × 3¾ ,,
4½ × 3½ ,,
3 × 2½ ,,
3 × 2 ,,

W.C. SEATS

No. B 1706 PLASTIC OPEN FRONT W.C. SEAT

Single type with moulded non-ferrous pillars ; supplied in black, white, or colours.

No. B 1707 PLASTIC "CONTRACT" W.C. SEAT

Moulded pillars and cadmium-plated screws. Supplied in black only. Specially introduced for Housing Schemes. Also supplied with cover (extra).

No. B 1704. OVAL RING W.C. SEAT WITH COVER

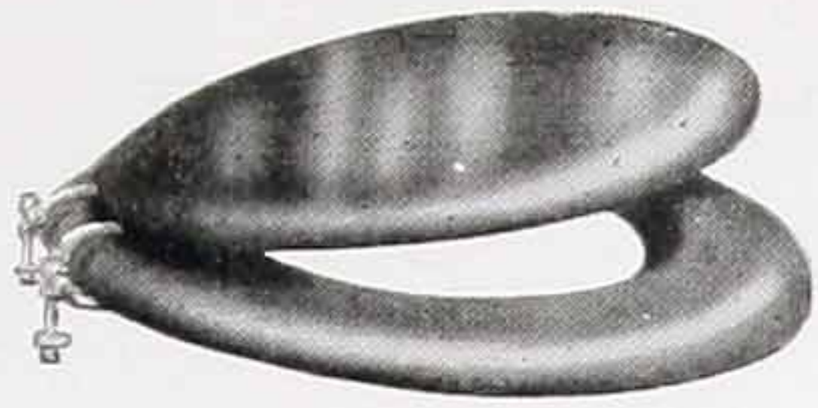
Seamless sheet covered, supplied in Mother-of-Pearl Marbled Colours. With heavy adjustable pillar hinges.

No. B 1708 PLASTIC W.C. SEAT BSS 1254 PATTERN WITH COVER

With moulded non-ferrous pillars ; supplied in black, white, or colours. Also supplied without cover. A de Luxe quality seat which will enhance the appearance of any bathroom.

W.C. SEATS

No. B 1667
OVAL RING W.C. SEAT



No. B 1668
OVAL RING W.C. SEAT
WITH COVER
and chromium-plated pillar hinges.

No. B 1673
EXTENSION W.C. SEAT
Finest quality timber.
Fitted with solid brass hinges.

No. B 1674
EXTENSION W.C. SEAT
WITH COVER
Finest quality timber.
Fitted with solid brass hinges.

No. B 1700
EXTENSION W.C. SEAT
Competitive type for housing schemes.

No. B 1702
EXTENSION W.C. SEAT
WITH COVER
Competitive type for housing schemes.

No. B 1676
AUTOMATIC or
SELF-RAISING W.C. SEAT
With solid brass hinges.

No. B 1703
SHEFFIELD TYPE W.C. SEAT
Fitted with bar hinge.
With or without iron strengthening plates on underside of seat.

The above W.C. Seats are supplied in plain hardwood, hardwood stained mahogany colour or genuine mahogany.
Thicknesses available are 1 in. and 1¼ in., with the exception of B 1676 which is only made 1¼ in. thick.
Open front W.C. Seats similar to the above can also be supplied.

W.C. SEAT FITTINGS

No. B 1691
INDIA-RUBBER BUFFER
With brass or chromium-plated plate.

No. B 1692
INDIA-RUBBER BUFFER

No. B 1693
PIN BUFFER

No. B 1686
CAST BRASS HINGE
For ring pattern seats.
Polished brass, or Chromium-plated.

No. B 1687
MALLEABLE IRON GALVANIZED HINGE
For ring pattern seats.

No. B 1695
CAST BRASS HINGE
For double ring pattern seats.
Polished brass, or Chromium-plated.

No. B 1684
STAMPED BRASS HINGE
For double seats.
Polished, or Chromium-plated.

No. B 1683
Similar pattern for single seats.

No. B 1694
SOLID BRASS ROUND-HEAD SEAT BOLT AND NUT
3 × ¼ 4 × ¼ in.
As above, chromium-plated heads.
3 × ¼ 4 × ¼ in.

No. B 1690
COUNTERSUNK FLAT-HEAD SOLID BRASS SEAT BOLT AND NUT
3 × ¼ 4 × ¼ in.
As above, chromium-plated heads.
3 × ¼ 4 × ¼ in.

BAXENDALE & CO. LTD.

THE ELSAN SYSTEM OF CHEMICAL SANITATION

No. B 4245
"ELSAN NON-SPILL"
MODEL C.V.
For Caravan, Yacht or Camp. For use as a permanent fixture or portable unit. Max. dimensions 18 in. high × 14½ in. × 15½ in. Bakelite seat, Vitreous-enamelled sewage container and aluminium guard and cover.

No. B 4244
"ELSAN" MODEL
17 in. high, 17 in. diam. Bakelite seat and lid. Urinal guard, Vitreous enamelled sewage container. Complete with vent piping.

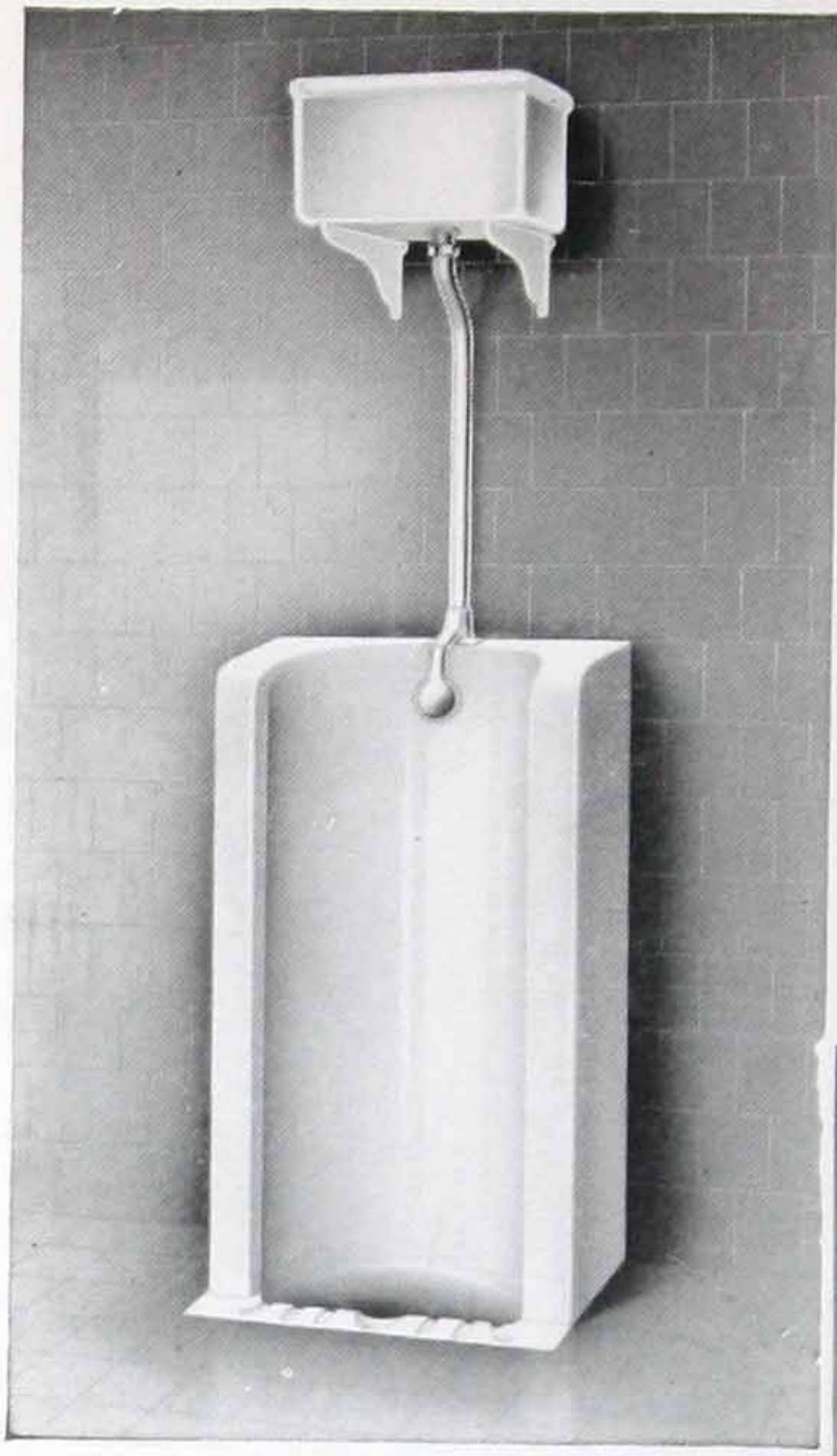
No. B 4243
"ELSAN" MODEL
Smaller capacity. 16¾ in. high, 14 in. diam. Bakelite seat and lid. Urinal guard, Galvanised sewage container. Complete with vent piping.

ELSAN LEAFLET, GIVING FULL DETAILS OF ALL MODELS, ON REQUEST

"CARAVANOL"
Specially for Elsan Closets installed in Caravans and confined spaces, highly concentrated. One Gallon Tins.
6 charges.

"ELSANOL" CHEMICAL
A powerful germicide and deodoriser, rendering sewage innocuous. Economical and safe. One Gallon Tins.
8 charges.

LIVERPOOL · EDINBURGH · DUBLIN

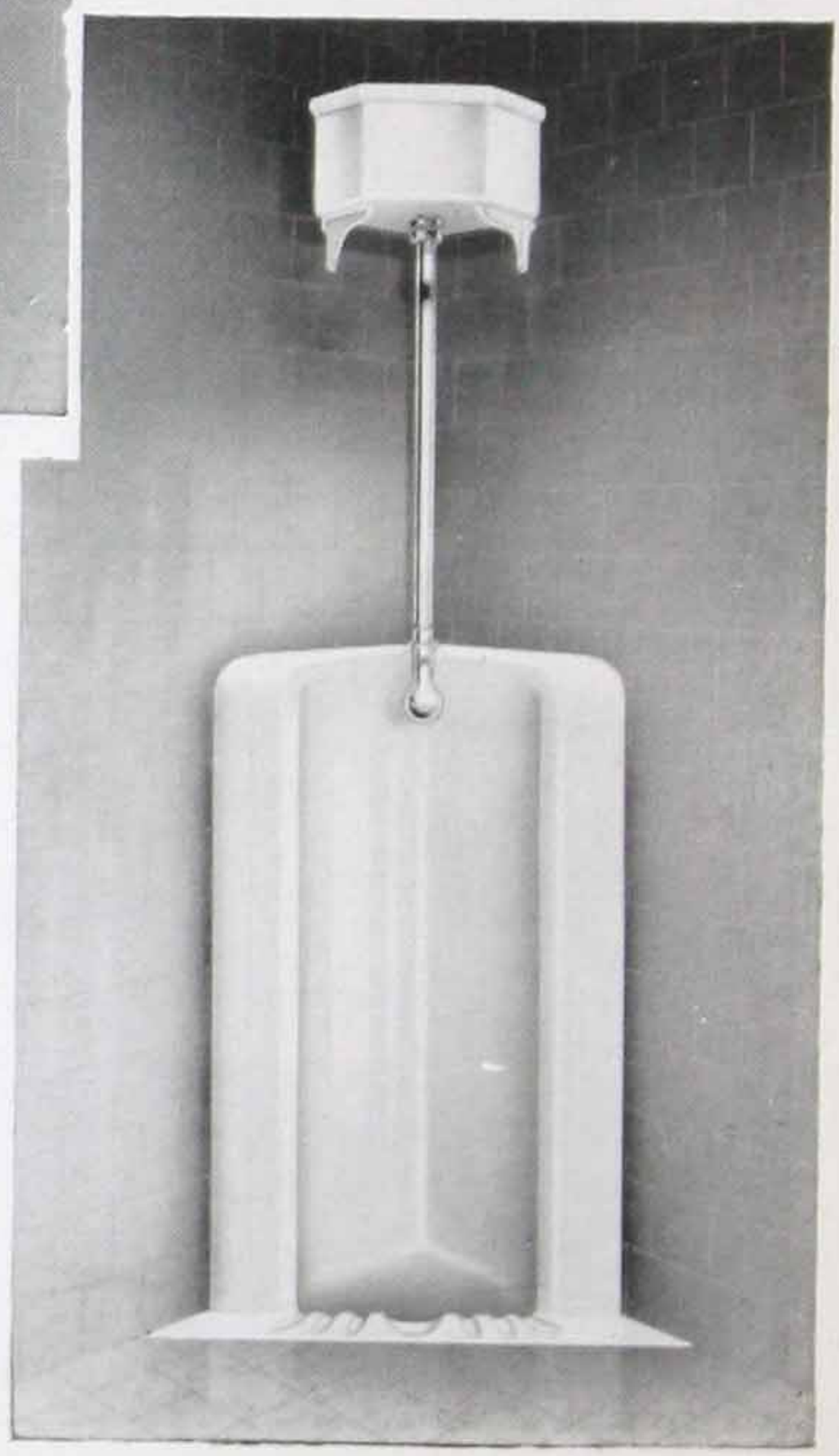


No. B 2000

SINGLE STALL
FLAT BACK URINAL

In WHITE GLAZED FIRECLAY

3 ft. 6 in. high, 24 in. wide with integral channel and 6 in. fluted tread.
Fireclay automatic cistern with copper siphon and white porcelain enamelled brackets. Galvanised iron, polished copper or chromium plated pipe and spreader. Polished or chromium plated gun metal domed outlet grating with screwed tail and locknut.



No. B 2002

SINGLE STALL
ANGULAR URINAL

In WHITE GLAZED FIRECLAY

3 ft. 6 in. high, 3 ft. 2 in. wide overall with integral channel and 6 in. fluted tread.
Fireclay angular automatic cistern with copper siphon and white porcelain enamelled brackets. Galvanised iron, polished copper or chromium plated pipe and spreader. Polished or chromium plated gun metal domed outlet grating with screwed tail and locknut.

No. B 2012 URINAL RANGE

In WHITE GLAZED FIRECLAY

Comprising stalls 3 ft. 6 in. high, with integral channel, 3 in. divisions and 6 in. fluted treads.

Fireclay automatic cistern with copper siphon and white porcelain-enamelled brackets. Galvanised iron, polished copper or chromium-plated pipes and spreaders. Gun metal domed outlet grating with screwed tail and locknut.

Width of Stalls, 24 in. or 21 in.

When ordering, please state if outlet is required right-hand, left-hand, or in centre.

No. B 2024 SLAB URINAL RANGE

In WHITE GLAZED FIRECLAY

Comprising sloping back slabs 3 ft. 6 in. high, butt joints, loose return ends and divisions, block floor channel 6 in. wide inside.

Fireclay automatic cistern with copper siphon and white porcelain-enamelled brackets. Polished copper or chromium-plated down pipe with perforated horizontal pipes and clips. Polished or chromium-plated gunmetal domed outlet grating with screwed tail and locknut.

Supplied with 24×9 in. or 30×9 in. divisions.

Prices will be quoted for larger ranges on receipt of specification.

No. B 2018 SLAB URINAL RANGE

In WHITE GLAZED FIRECLAY

Comprising sloping back slabs 3 ft. 6 in. high, with integral return ends 12 in. projection and block floor channel 6 in. wide inside.

Fireclay automatic cistern with copper siphon and white porcelain-enamelled brackets. Polished copper or chromium-plated down pipe with perforated horizontal pipes and clips. Polished or chromium-plated gun metal domed outlet grating and screwed tail and locknut.

Note : One outlet grating is supplied and charged for each 12-ft. run or part thereof.

No. B 2019 URINAL RANGE

IN WHITE GLAZED VITREOUS CHINA

Comprising stalls with integral flushing chamber and lipped base, each 3 ft. 2 in. high and 1 ft. 6 in. wide ; outlet strainer to each stall with china dome and connection for 2 in. lead pipe ; automatic flushing tank in white vitreous china with regulating supply tap and semi-concealed brackets ; flushpipes with wall clips, fittings chromium-plated ; projection from wall to front of lip, 1 ft. 4 in.

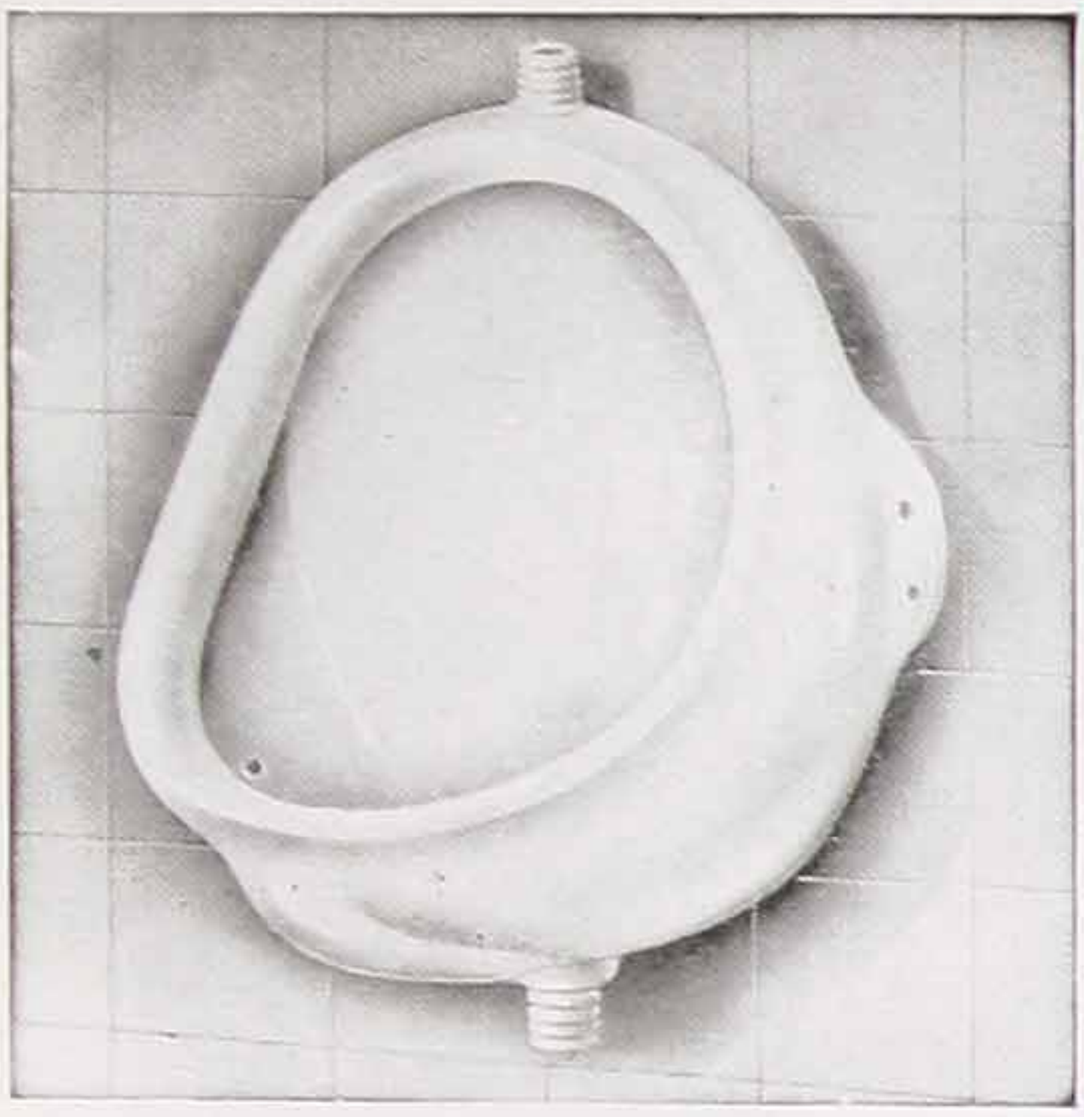
WALL URINALS

BEST WHITE-GLAZED EARTHENWARE

No. B 2052 FLAT BACK LIPPED URINAL

With Flushing Rim and Secret overflow

Height		*Diameter*
20 in.		18 in. × 14 in.
18½ in.	...	15 in. × 12 in.
17 in.	...	14 in. × 11 in.



No. B 2050 FLAT BACK URINAL

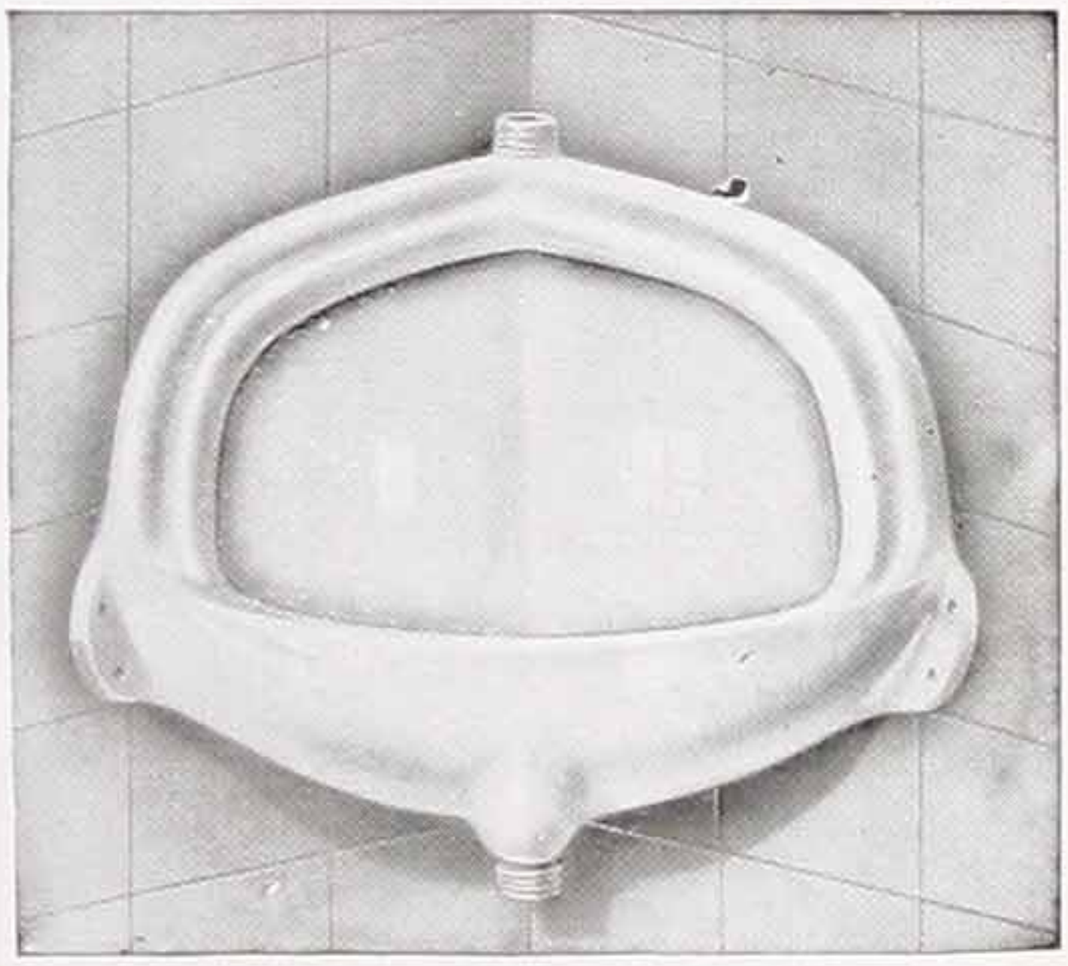
With Flushing Rim and Secret overflow

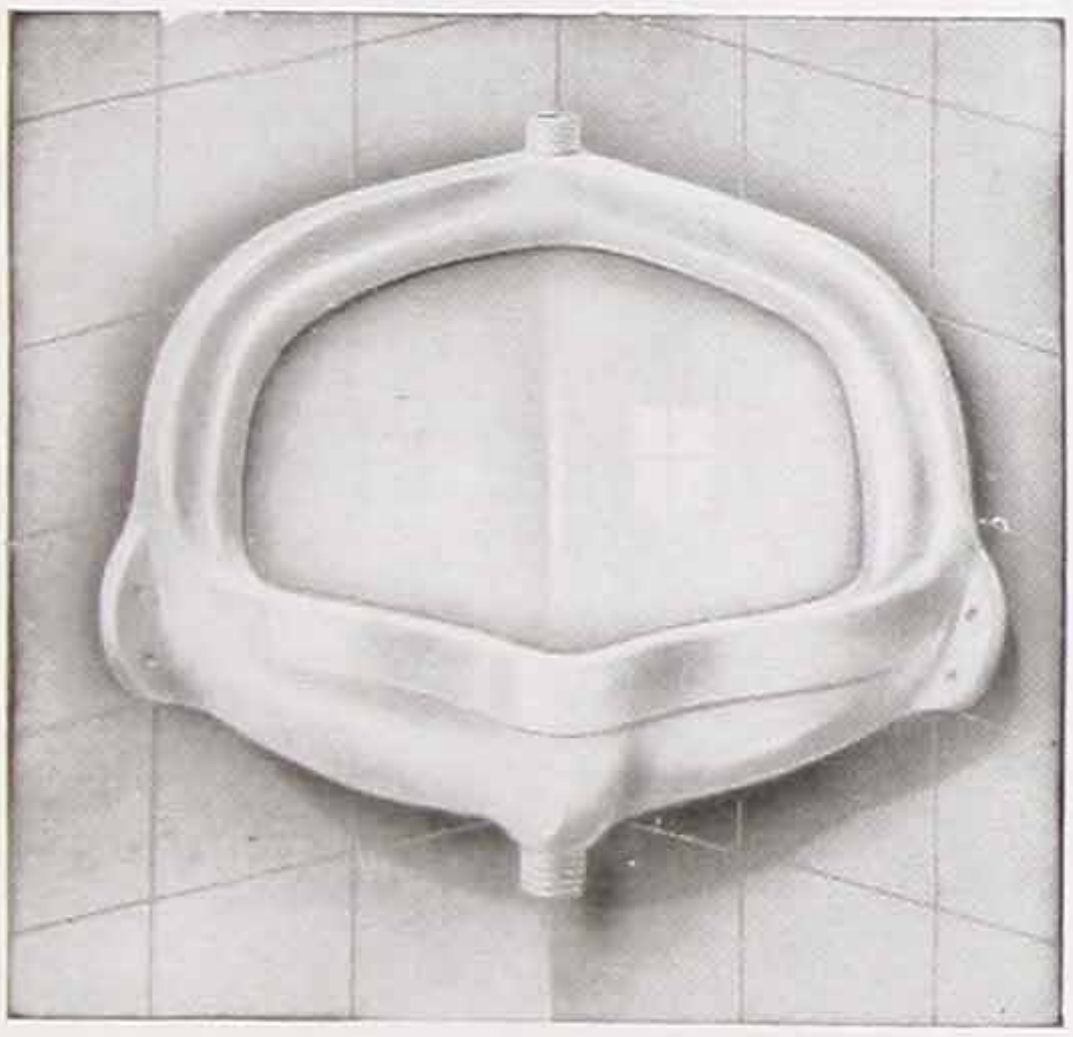
Height		*Diameter*
20 in.	...	18 in. × 9½ in.
18½ in.	...	15 in. × 9 in.
17 in.	...	14 in. × 8 in.
15½ in.	...	12 in. × 6½ in.

No. B 2054 ANGULAR URINAL

With Flushing Rim and Secret overflow

Height		*Diameter*
16 in.	...	19½ in. × 14½ in.
15 in.	...	17½ in. × 12½ in.
14 in.	...	16 in. × 12 in.

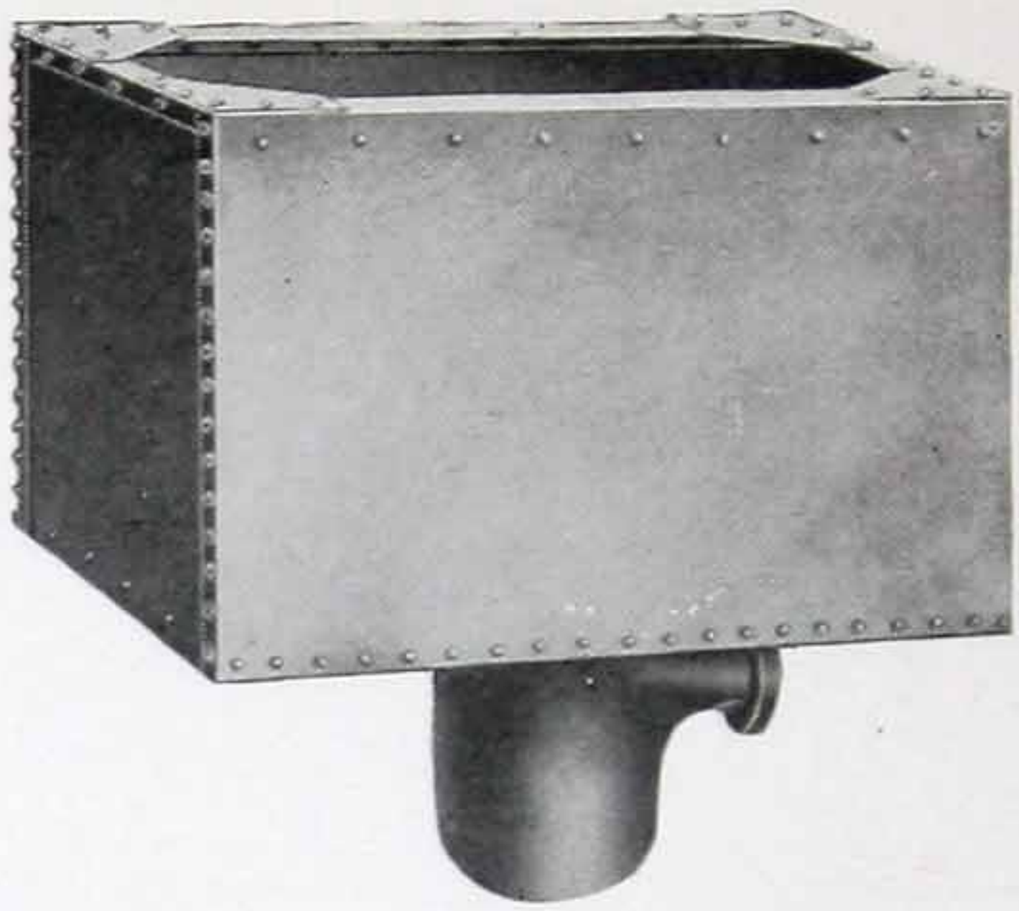




No. B 2056 ANGULAR LIPPED URINAL

With Flushing Rim and Secret overflow

Height		*Diameter*
16 in.	...	19½ in. × 18 in.
15 in.	...	17½ in. × 16 in.
14 in.	...	16 in. × 15 in.



No. B 2135

AUTOMATIC FLUSHING TANK

Including trapping box and horizontal outlet, all made of sheet steel galvanized after manufacture, complete with heavy gauge siphon with outlet suitable for connecting to the socket of a cast-iron obtuse bend of 115°.

Approx. Flush gallons	Dimensions: Length	Width	Depth of Tank excluding bottom trap	Size of Outlet recommended
10	18 in.	14 in.	14 in.	3 in.
15	20 in.	16 in.	18 in.	4 in.
20	21 in.	18 in.	18 in.	4 in.
25	24 in.	19 in.	18 in.	4 in.
30	25 in.	21 in.	18 in.	4 in.
40	27 in.	21 in.	24 in.	4 in.
50	27 in.	24 in.	24 in.	4 in.
60	33 in.	24 in.	24 in.	4 in.
80	38 in.	28 in.	24 in.	5 in.
100	42 in.	30 in.	24 in.	5 in.

As an alternative, we can supply the same tank with a horizontal or vertical outlet.

No. B 2136

SUPPLY TAP

For Automatic Tanks

Can be regulated with a screw-driver. With backnut and bent tail. Brass. Size $\frac{3}{8}$ in.

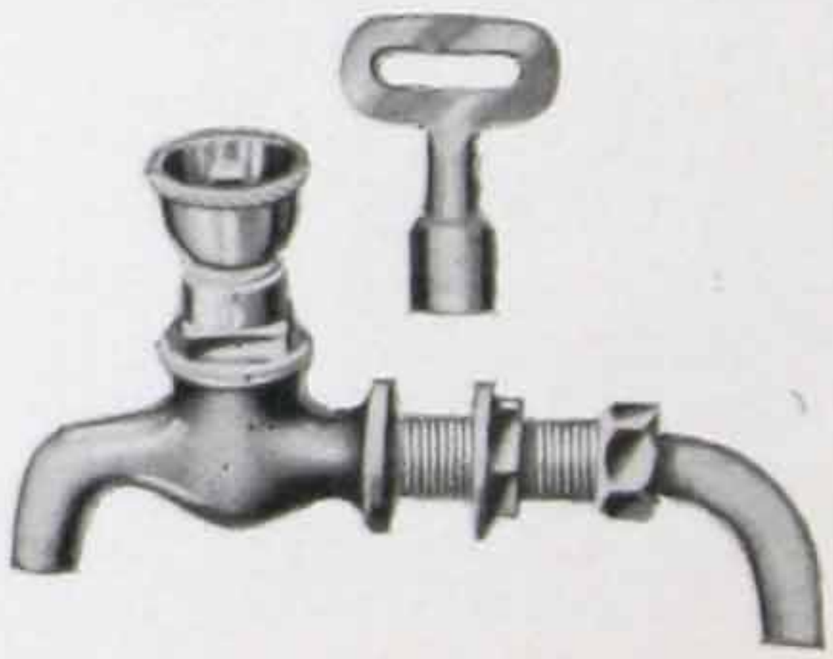
No. B 2138

SUPPLY TAP

For Automatic Tanks

B.S. 1010

With loose key and guard. Backnut and bent tail. Polished brass. Size $\frac{3}{8}$ in.

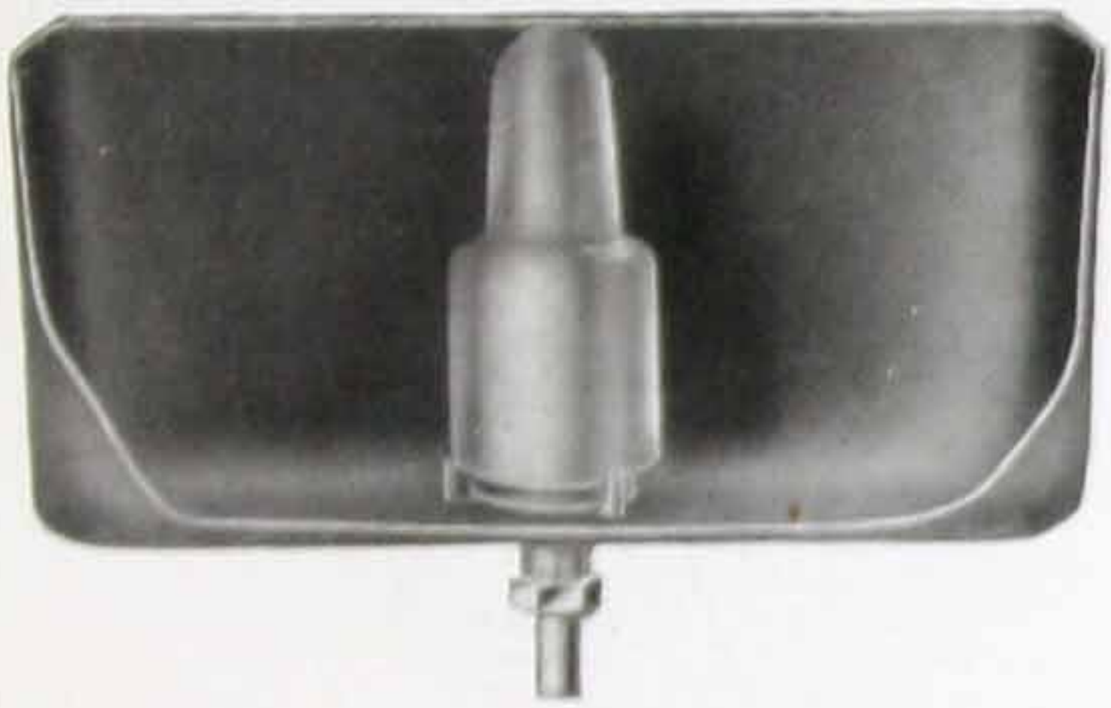


No. B 2120

AUTOMATIC FLUSHING CISTERN

White glazed heavy fireclay fitted with copper siphon, complete with porcelain-enamelled cast-iron brackets and suitable drip tap.

Capacity :	1	2	3	4	6 galls.
Outlet Size :	1	1	1	1¼	1½ in.



No. B 2125

AUTOMATIC FLUSHING CISTERN

Plain-painted cast-iron with copper siphon, outlet supplied for lead or iron pipe, brackets and drip taps supplied if specified (extra).

Capacity :	1	2	3	4	5	6	8 galls.
Outlet Size:	1	1	1¼	1½	1½	1½	1½ in.

Cast-iron covers to suit can be supplied if ordered.

No. B 2090

No. B 2101

No. B 2091

No. B 2100

No. B 2090. URINAL GRATING
Dome shaped, made in polished brass with 3½ in. flange, 3½ in. long thread and backnut. Screwed 2 in. iron.

No. B 2101. COPPER AUTOMATIC SIPHON
With 2½ in. long thread and backnut. Sizes : 1 in., 1¼ in., 1½ in.

No. B 2091. DOME-SHAPED URINAL GRATING
Polished brass with 3½ in. flange, ¾ in. long spigot outlet measuring 2¾ in. o/d.

No. B 2100. BUTTON SPREADER
Polished brass, screwed ½ in. female iron.

No. B 6355 BIDET

Best Quality White-glazed Earthenware. Modern pattern with rectangular base and soap dish draining into overflow. Fittings comprising two ½ in. cold chromium-plated control valves supplying water to rim and ascending spray 1¼ in. plug and chain waste.

Overall Size :

23 in. long × 14 in. wide

No. B 6356 BIDET

Best Quality White-glazed
Vitreous China.

A new design on bold simple lines. Fittings comprising three ½ in. chromium-plated control valves supplying hot and cold water to spray and hot to rim ; 1¼ in. plug and chain waste fitting.

Overall Size :

24 in. long × 14 in. wide

Both the above bidets can be supplied with ware in colours

Further details on request

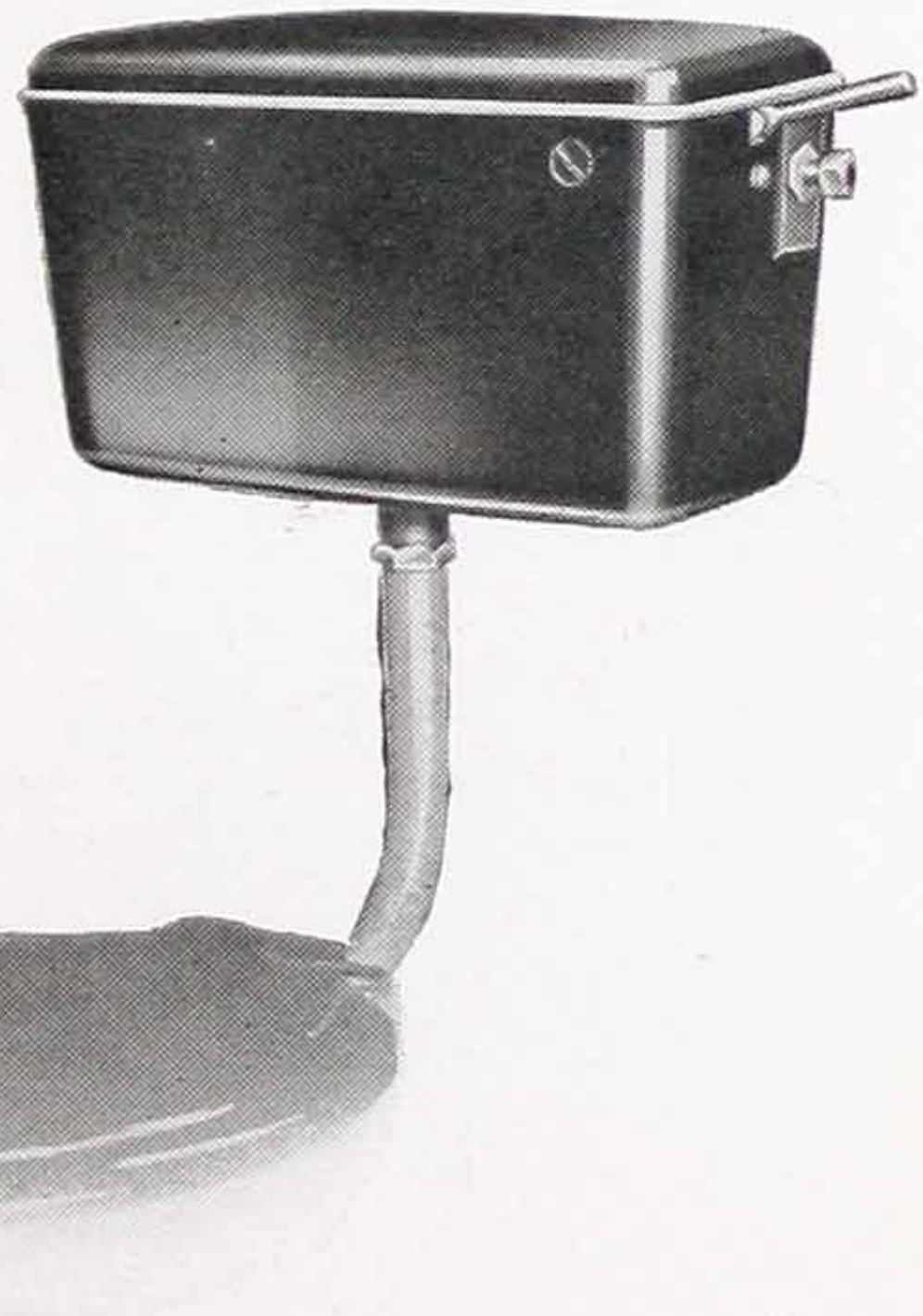
THE "TORCADE" COMPOSITION LOW-LEVEL FLUSHING CISTERN

Comprising black mirror-finish casing and cover, to B.S.S. 1125/46, with white or red plastic bead around cover ; $1\frac{1}{2}$ in. copper and white metal siphon of special design to give an easy flush.

No. B 6365

TORCADE CISTERN

WITH C.P. FRONT LEVER



Fittings include $\frac{1}{2}$ in. ball valve, $\frac{3}{4}$ in. overflow, wall brackets, and white porcelain-enamelled flushpipe. The above cisterns can also be supplied with all-copper siphons if required. (Extra.)

No. B 6366

TORCADE CISTERN

WITH C.P. SIDE LEVER

TORCADE
WHITE EARTHENWARE VALVELESS SIPHON CISTERNS

Including $1\frac{1}{4}$ in. or $1\frac{1}{2}$ in. siphon of white metal or all brass, $\frac{1}{2}$ in. ball valve, $\frac{3}{4}$ in. overflow, brass chain and white china pull ; external fittings supplied either polished brass or chromium-plated.

No. B 2545
CISTERN

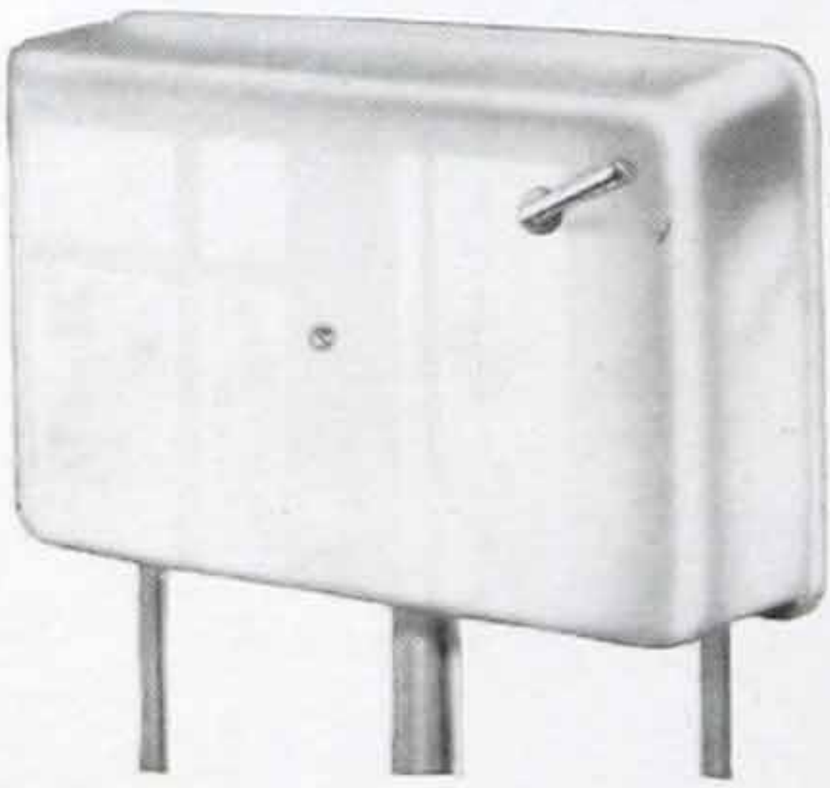
As described above, without cover.

No. B 2547
CISTERN

As described above, with cover.

No. B 6370
FORDHAM
LOW LEVEL VALVELESS SIPHON CISTERN
B.S.S. 1125/46.

Casing in W.P.E. pressed steel, $1\frac{1}{2}$ in. siphon in copper or Polythene with chromium-plated front lever, $\frac{1}{2}$ in. ball valve, $\frac{3}{4}$ in. overflow, white porcelain-enamelled flushpipe and concealed fixing brackets.
To flush 2, $2\frac{1}{2}$, or 3 gallons.



No. B 6371
FORDHAM
PANEL TYPE VALVELESS SIPHON CISTERN

Valuable space is saved by the shallow design, projecting only 6 in. from the wall. The outer cover made of W.P.E. steel is easily detachable by uncoupling a single screw. The steel inner shell is fitted with $1\frac{1}{2}$ in. siphon in copper with chromium-plated lever handle ; including $\frac{1}{2}$ in. ball valve, $\frac{3}{4}$ in. overflow and W.P.E. flushpipe.
To flush 2, $2\frac{1}{2}$ or 3 gallons.
These cisterns are normally sent out with side supply and overflow. Bottom supply and overflow (as illustrated) can be supplied to order. (Extra.)

No. B 6367

"TORCADE" COMPOSITION VALVELESS SIPHON CISTERN

To B.S.S. 1125/46.

Comprising mirror finish flat-bottomed case (and cover if required) $1\frac{1}{4}$ in. copper and white metal siphon of special design, $\frac{1}{2}$ in. ball valve, $\frac{3}{4}$ in. overflow, galvanized chain and wood pull.

To Flush : 2, $2\frac{1}{2}$, or 3 gallons.

All Copper Siphon also Supplied. (Extra.)

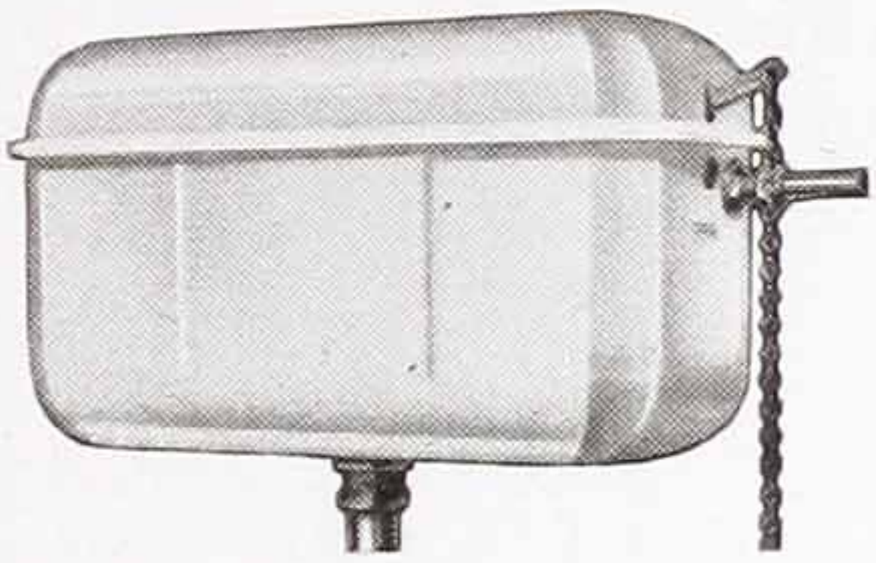
No. B 6368

"FORDHAM" VALVELESS SIPHON CISTERN

To B.S.S. 1125/46.

Comprising white porcelain-enamelled steel casing and cover, with $1\frac{1}{4}$ in. copper or Polythene siphon, $\frac{1}{2}$ in. ball valve, $\frac{3}{4}$ in. overflow, galvanized chain and pull, concealed fixing brackets.

To Flush : 2, $2\frac{1}{2}$ or 3 gallons.

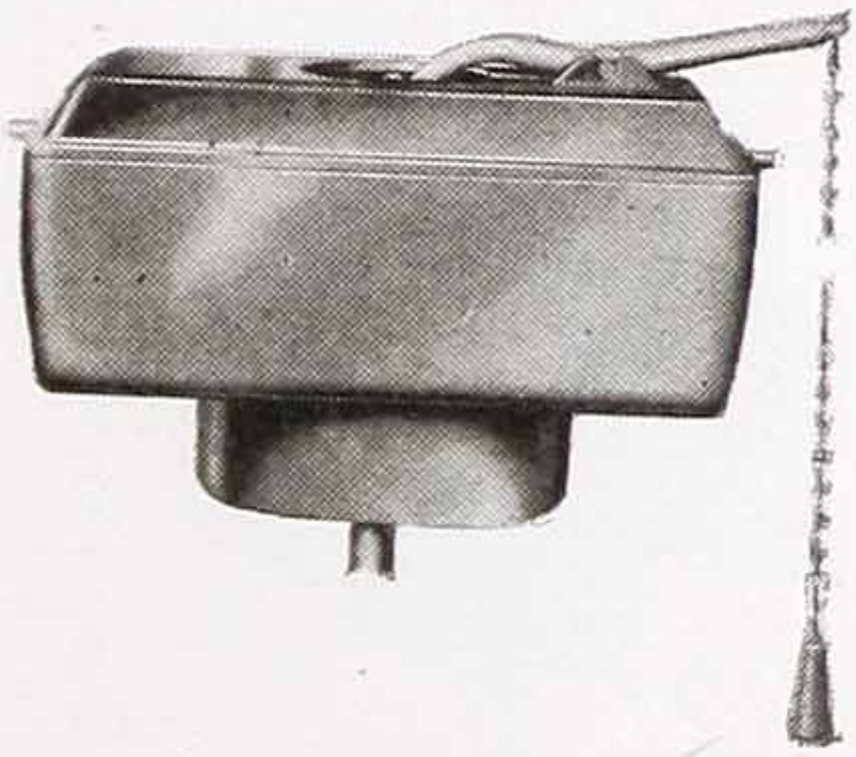


No. B 6369

A.B.M. "INSTANT FLUSH" BITUMEN REVERSIBLE CISTERN

Comprising highly-glazed non-corrosive casing and cover with bell siphon ; $1\frac{1}{4}$ in. outlet, $\frac{1}{2}$ in. ball valve, $\frac{3}{4}$ in. overflow ; concealed supporting brackets, chromium-plated chain and Polythene pull.

To Flush 2 gallons.



No. B 2520

LODORE VALVELESS SIPHON CISTERN

Cast-iron.

With ½ in. M.O.H. hot pressed ball valve, ½ in. overflow, galvanized chain and pull.

To Flush : 2, 2½, or 3 gallons

Also supplied :

White porcelain-enamelled outside, plain painted inside, with brass chain and china pull.

To Flush : 2, 2½, or 3 gallons

No. B 6372

A.B.M. "PARSALL" VALVELESS SIPHON CISTERN

Cast-iron "Country" pattern with ½ in. M.O.H. ball valve, ½ in. overflow, galvanized chain and rubber pull. Self-contained hanging lugs (no brackets required). To flush 2 or 3 gallons.

No. B 2535

VALVELESS SIPHON CISTERN

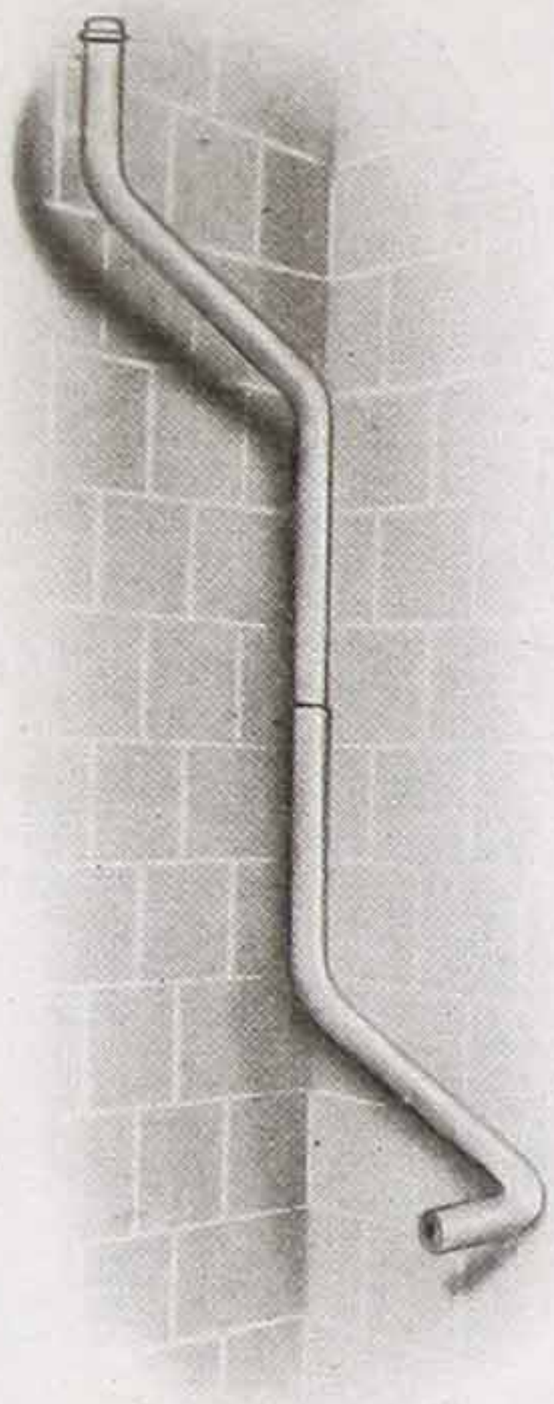
Cast-iron

With ½ in. two-piece ball valve, ¾ in. overflow, galvanized chain and pull, as supplied for Newcastle and Sunderland districts.

To Flush 2 gallons.

TELESCOPIC FLUSHPIPES

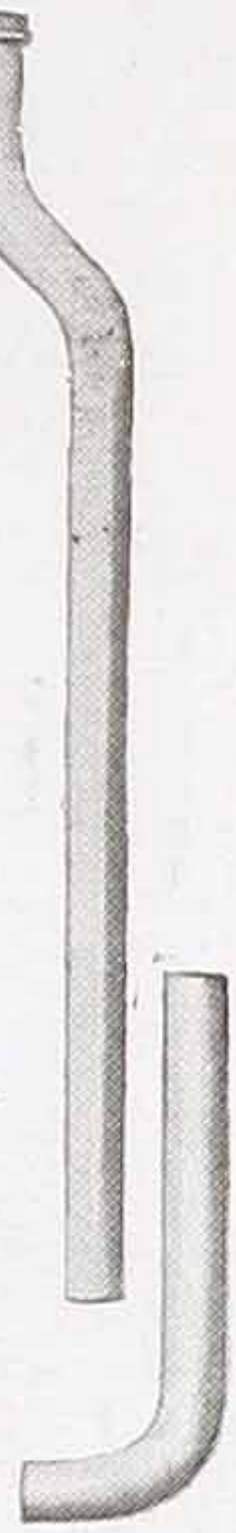
Seamless steel. Galvanized. The upper portion slides into the lower and permits of about 6 in. vertical adjustment. Each portion can then also be turned to the right or left, and fixed at any angle. The size of pipe named represents the bore of the upper pipe.



No. B 1660
FLUSH PIPE

5 ft. 6 in. long, $1\frac{1}{4}$ in., $1\frac{3}{8}$ in. or $1\frac{1}{2}$ in. bore.

Can be fitted with an air pipe when required (extra).



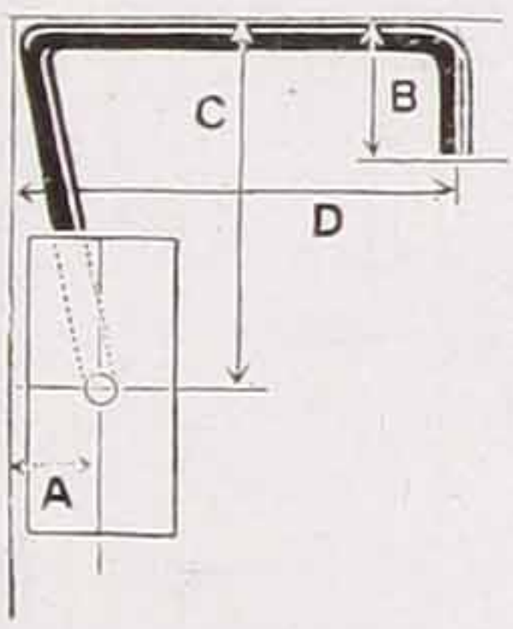
No. B 1659
VILLA PATTERN FLUSHPIPE

Two-piece

Standard dimensions are :
A $4\frac{1}{2}$ in., B 8 in., C 16 in., D 16 in.

5 ft. 6 in. long, $1\frac{1}{4}$ in., $1\frac{3}{8}$ in. or $1\frac{1}{2}$ in. bore.

Can be fitted with an air pipe when required (extra).

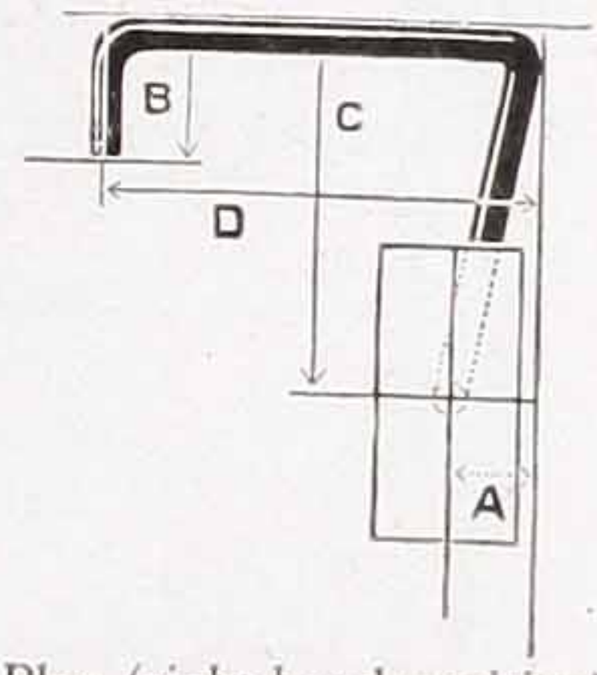


Plan (left-hand position)

The following dimensions are required with all orders for flushpipes.

1. Villa pattern—A, B, C, D, E, F.
2. Ordinary pattern—A, B, E, F.

A. Distance from wall to centre of cistern outlet.
B. Length of return bend.
C. Distance from cistern outlet to wall corner.
D. Distance from closet inlet to wall corner.
E. Overall length.
F. Bore.



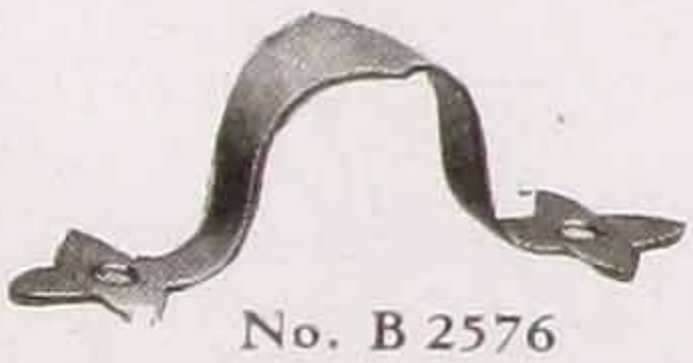
Plan (right-hand position)

Flushpipes can also be supplied in polished or chromium-plated copper.

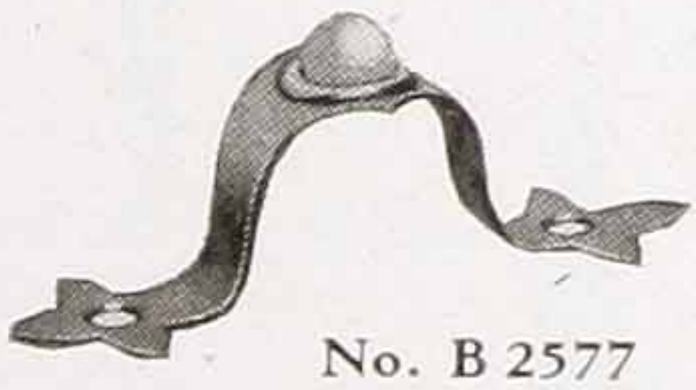
FLUSH PIPE CLIPS

B 2576. Plain Clip.

B 2577. Clip with Rubber Buffer.



No. B 2576



No. B 2577

Made in polished or chromium-plated brass, or galvanized steel. Sizes $1\frac{1}{4}$ or $1\frac{1}{2}$ in.

CISTERN FITTINGS, Etc.

No. B 945
TORCADE

No. B 947
JAP-KAP

VALVELESS SIPHONS

To suit cisterns $8\frac{3}{4}$-in. deep inside. Siphon of hard white metal and brass. Cast-iron lever, brass outlet with backnut and union.

Size $1\frac{1}{4}$ $1\frac{1}{2}$ in.

No. B 2593
W.C. DEODORISER

Automatically discharges a finely atomised scented spray each time the chain is pulled. Complete with coloured rubber handle. Chromium-plated.

No. B 2592
CISTERN PULL GUIDE

Galvanized steel, 1-in. diam. 24-in. long, with cast-iron brackets, $4\frac{1}{2}$-in. wall to centre. With galvanized chain pull 36-in. long and stirrup handle

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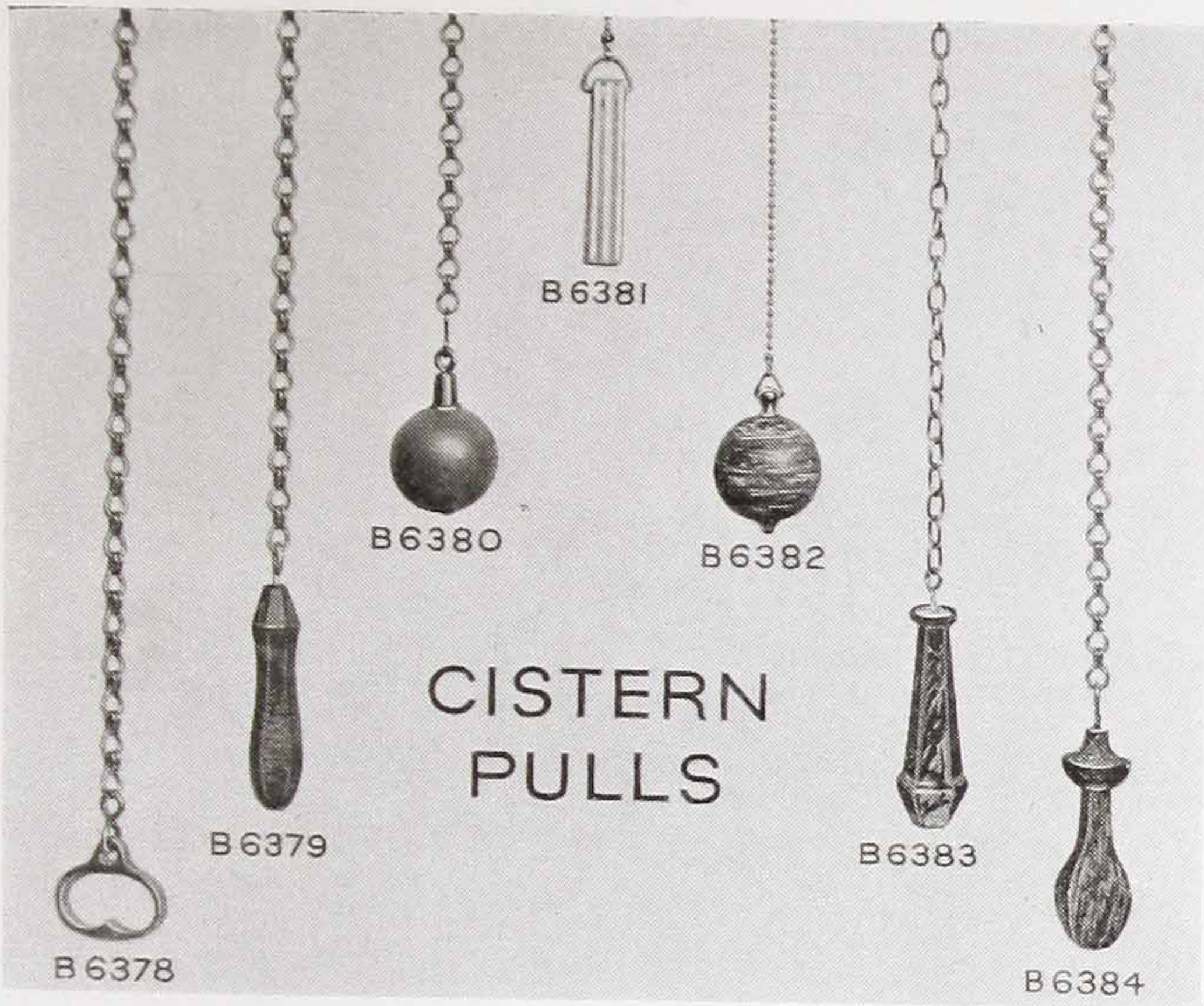
CAST-IRON CISTERN BRACKETS

B 2583 | B 2585

8 9 10 in

White porcelain-enamelled | Plain-painted



B6378 Galvanized chain, stirrup handle.

B6379 Galvanized chain, varnished wood handle.

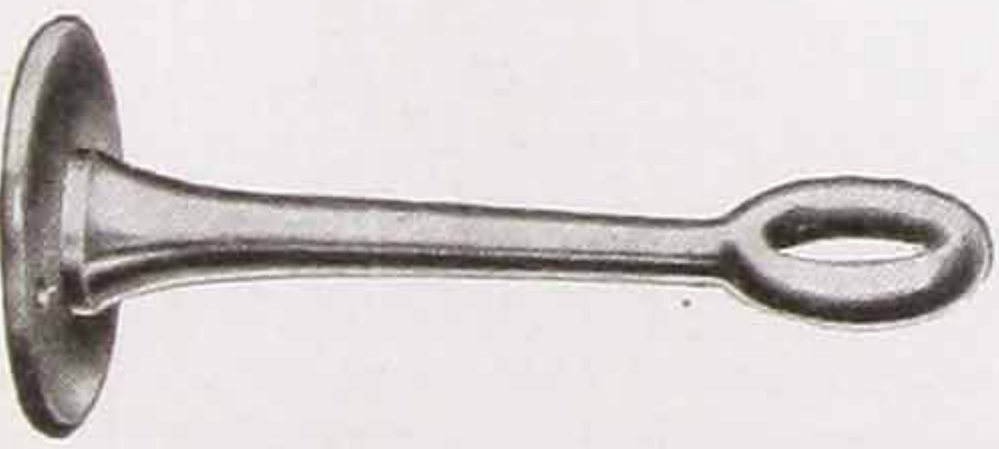
B6380 Chromium-plated link chain, Sorbo rubber ball handle in assorted colours.

B6381 Chromium-plated ball pattern chain with Perspex handle, in various colour combinations.

B6382 Chromium-plated ball pattern chain with rubber ball pull in marbled colours.

B6383 Chromium-plated solid link chain with hexagon rubber handle in marbled colours.

B6384 Chromium-plated link chain with rubber pagoda shaped handle in marbled colours.



No. B 2591
CISTERN PULL GUIDE

Polished Brass or Chromium-plated.
Measurement ;
wall to
centre $4\frac{1}{2}$ 5 6 in.

BIB TAPS

Polished Brass BS 1010 Patterns

No. B 115
BIB TAP
Round Crutch Type. Plain tail for lead.
Sizes ½ in., ¾ in., 1 in.

No. B 160
BIB TAP
Round Crutch Type. Screwed male iron
Sizes ½ in., ¾ in., 1 in.

No. B 161
As above. With boss.

No. B 209
BIB TAP
With Capstan Head Indexed.
Plain tail for lead.
Sizes ½ in., ¾ in., 1 in.

No. B 227
BIB TAP
With Capstan Head Indexed.
Screwed male iron.
Sizes ½ in., ¾ in., 1 in.

No. B 228
As above. With boss.

No. B 230
BIB TAP
Round Crutch Type with Hose Union.
Screwed male iron.
Sizes : ½ in., ¾ in., 1 in.

No. B 229
As above with plain tail for lead.

All above can be supplied with ferrule guard and loose key.

BIB TAPS

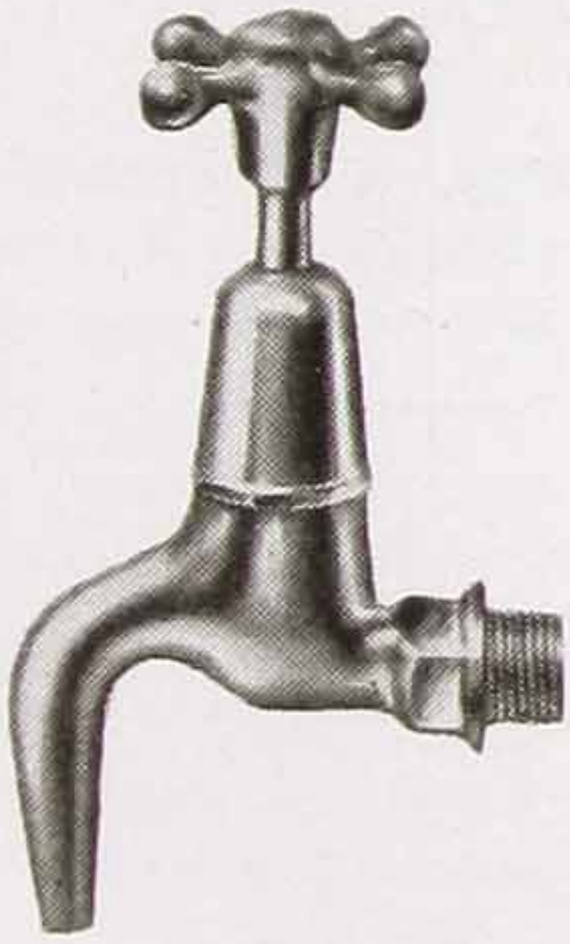
Chromium-plated B.S. 1010 Patterns.

No. B 235
BIB TAP
With capstan head, indexed.
Plain tail for lead.
Sizes ½ in. and ¾ in.

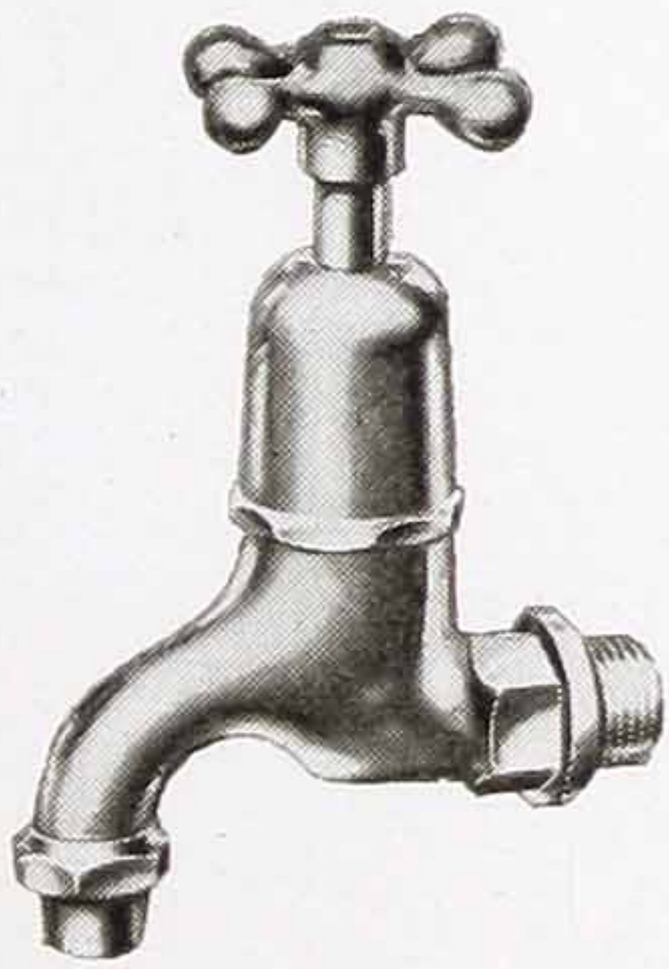
No. B 236
BIB TAP
With capstan head, indexed.
Screwed male iron.
Sizes ½ in. and ¾ in.

All indexed taps can be supplied lettered Hot, Cold or Soft.

Please state which is required when ordering.



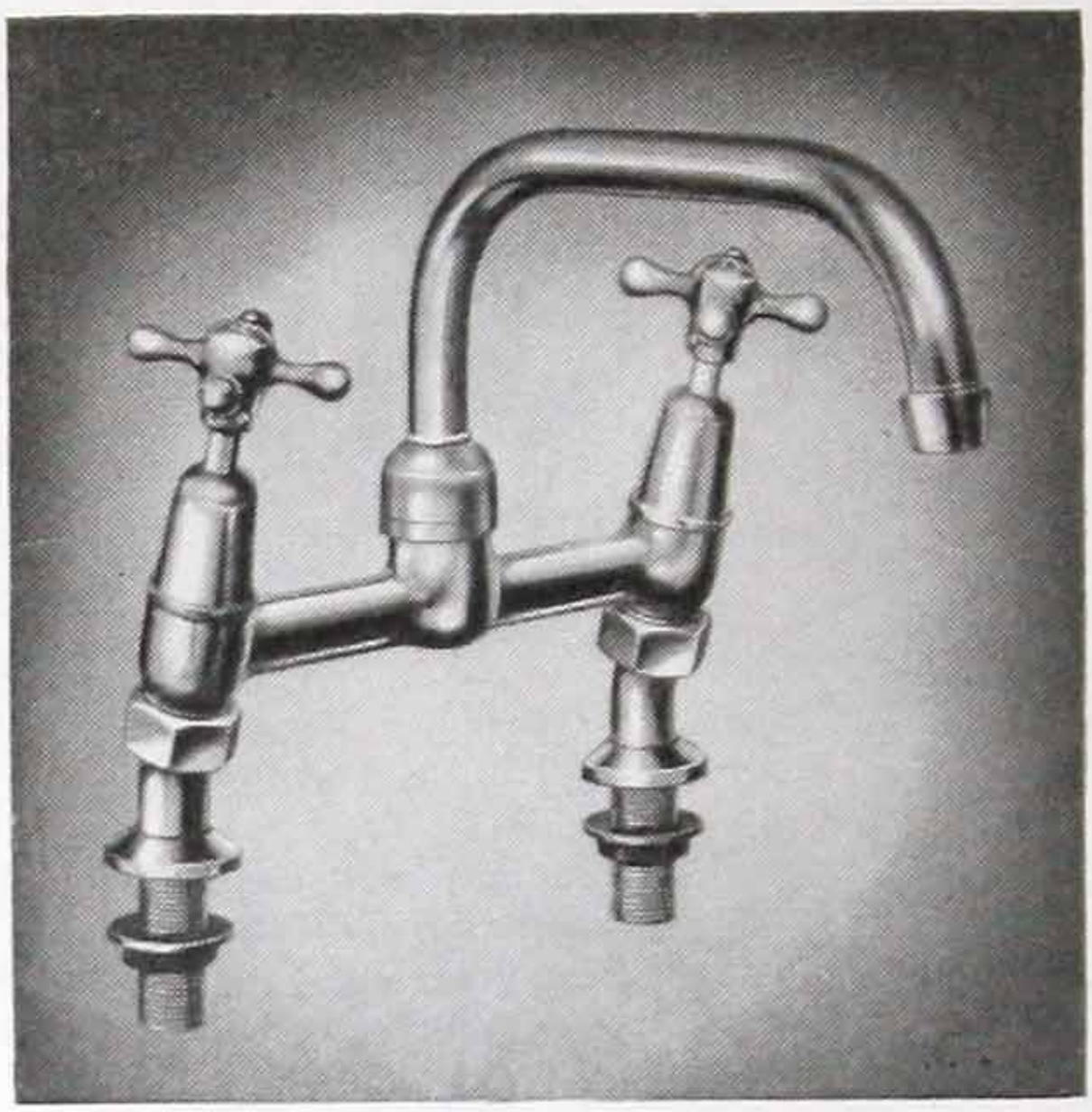
No. B 239
BIB TAP
With capstan head, indexed, and bottling nose ; screwed male iron.
Size ½ in.



No. B 241
BIB TAP
With capstan head, indexed.
Anti-splash nozzle ; screwed male iron.
Size ½ in.

No. B 603

COMBINATION SINK MIXER



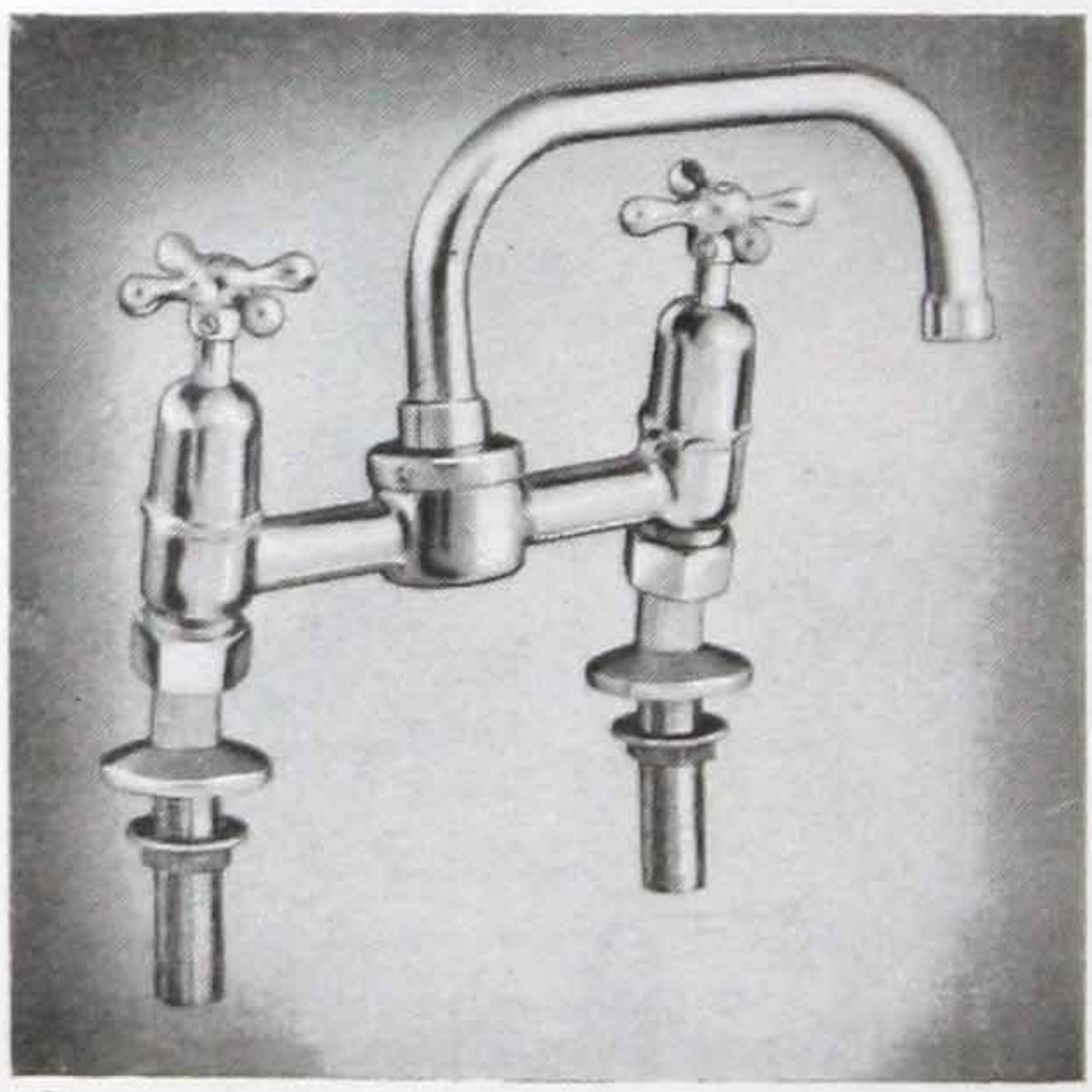
Chromium-plated, with swivel nozzle, for double or single sinks.

A generous length of nozzle gives a wide arc of delivery with all positions of fixing and the nozzle height gives full clearance for all purposes. Pattern illustrated has ½ in. screwed tails with backnuts, but the fitting can also be supplied with extended tails 12 in. long.

Made to B.S. 1010 specification.

No. B 604

SWIVEL SINK FITTING DUAL FLOW TYPE



To meet the requirements of the increasing number of Authorities whose Bye-Laws demand that the usual combination tap be fed from a separate tank for the cold supply, this dual flow swivel sink fitting has been introduced. The passages for hot and cold water are separate throughout their length, avoiding all danger of feedback from either side.

The fitting illustrated is ½ in. size with 3 in. long tails and backnuts, but can be supplied with 12 in. extended tails if required.

Made to B.S. 1010 specification.

No. B 627

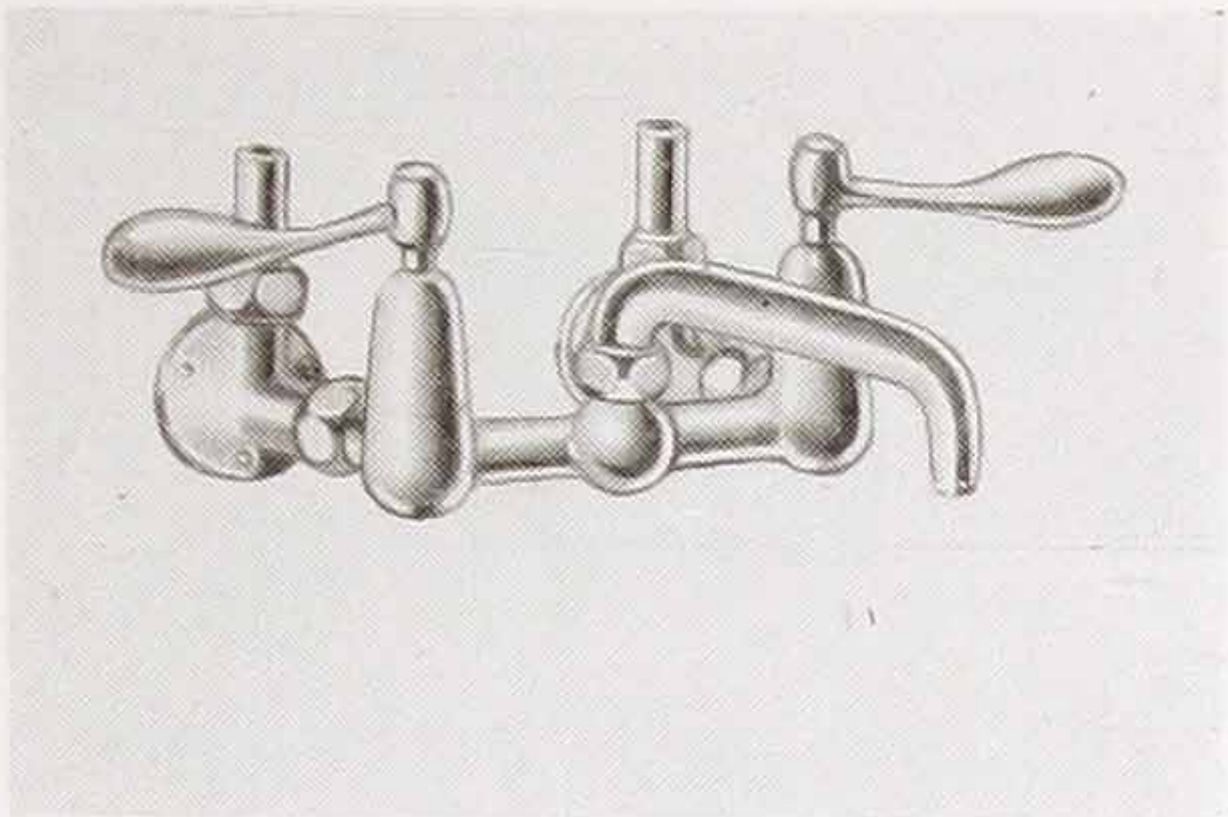
SWIVEL FITTING FOR HOSPITAL SINKS AND BASINS

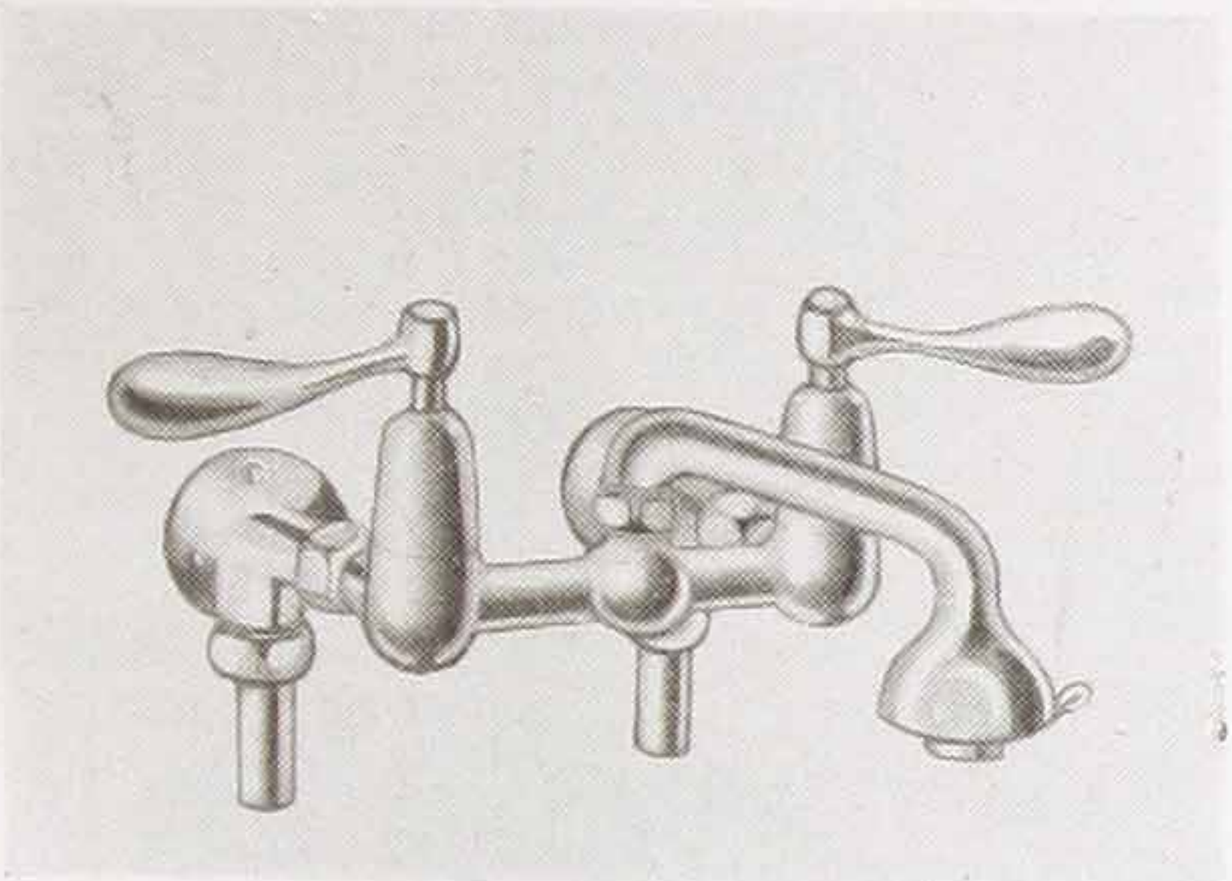
Chromium-plated

Quarter turn valves fitted with levers 7 in. long and anti-splash nozzle.

Reversible Unions.

Sizes : ½ in., ¾ in





No. B 628

SWIVEL FITTING FOR HOSPITAL SINKS AND BASINS

Chromium-plated

Quarter turn valves with levers 7 in. long and jet or spray nozzle.

Reversible Unions.

Sizes : ½ in., ¾ in.

No. B 629

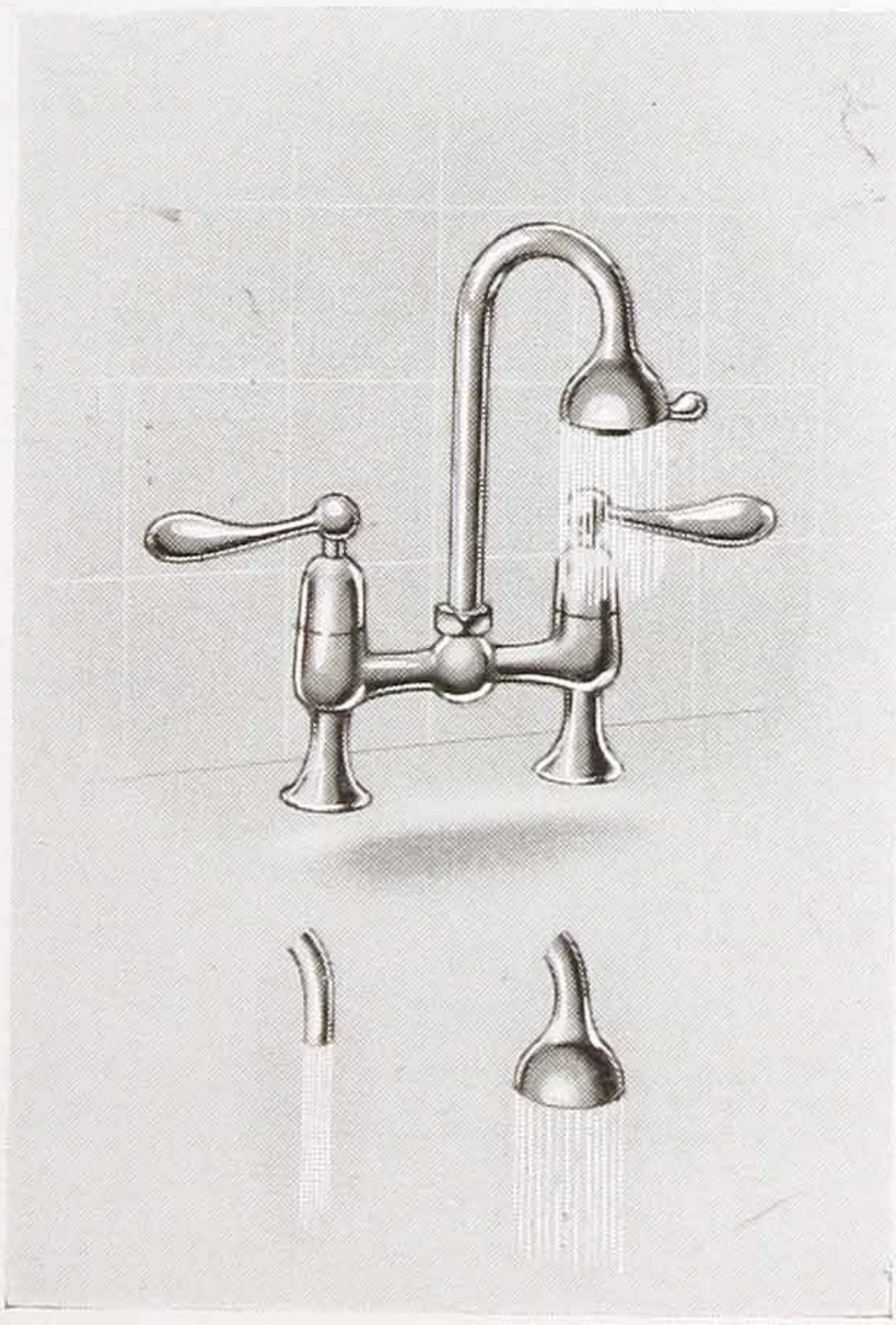
SURGEONS' LAVATORY BASIN FITTING WITH SWIVEL SWAN NECK

Chromium-plated.

Elbow action quarter turn valves with 7 in. levers ; alternative jet and spray nozzle or spray nozzle outlet only, or anti-splash outlet only. Can also be supplied with fixed swan neck.

Sizes : ½ in., ¾ in.

N.B. When ordering, please state what centres are required.



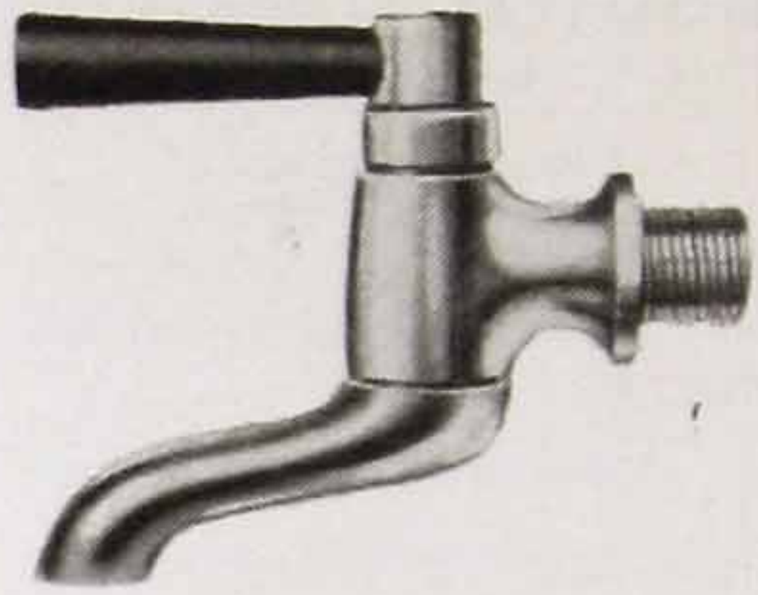
PLUG COCKS

No. B 715

PLUG BIB COCK

Polished brass with ebonite lever.
Screwed male iron.

Sizes : ½, ¾, 1 in.



No. B 716

"FOLD-IN" PLUG COCK

Chromium-plated with ebonite lever.
Screwed male iron.

Size : ½ in.

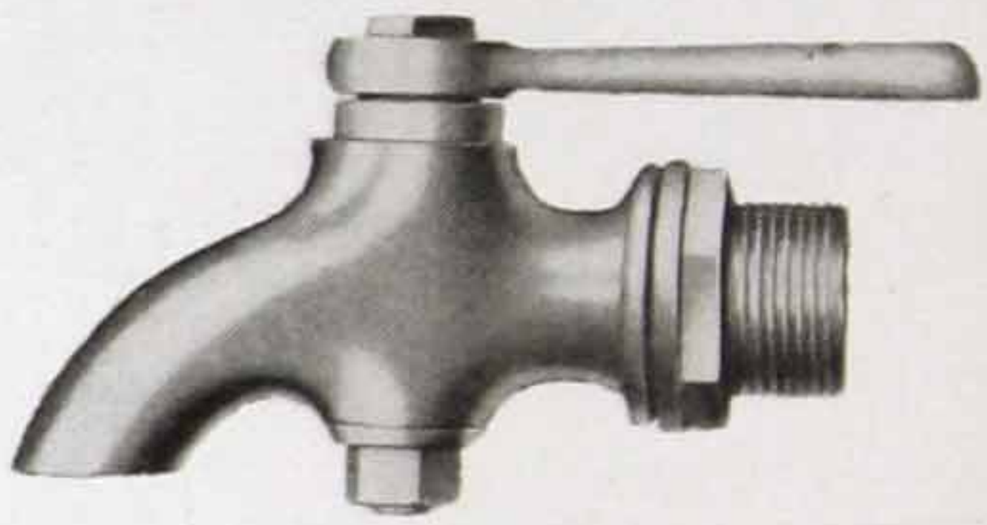
This tap is specially designed so that the nozzle turns sideways with the lever.

No. B 717

FULLWAY BIB COCK

Polished brass with loose iron lever.
Screwed male iron.

Sizes : ½, ¾, 1 in.



No. B 718

PLUG COCK

Rough brass with loose brass lever.
Screwed male iron with backnut.

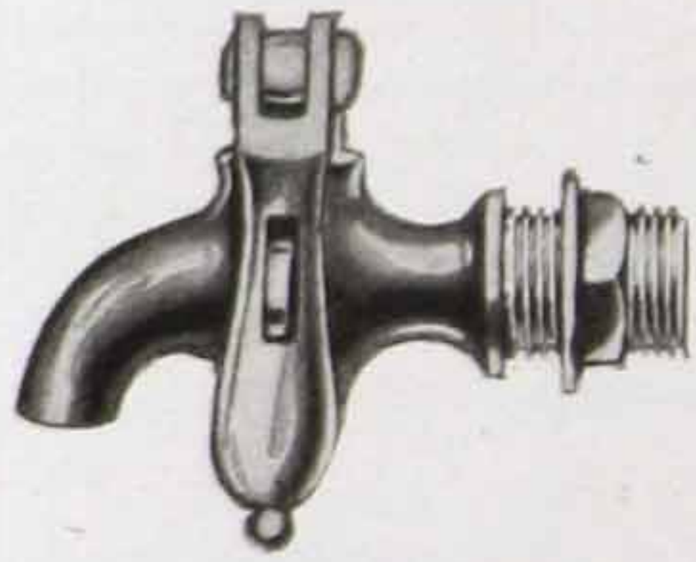
Sizes : ½, ¾, 1 in.

No. B 719

RANGE COCK

Polished brass with ebonite lever.
2 in. male thread with backnut.

Sizes : ¾, 1 in.



No. B 650

TANK COCK

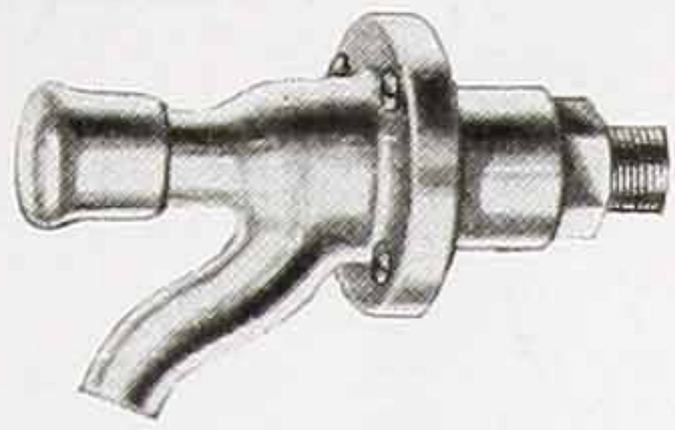
Polished Brass With iron hinged locking lever for padlock.
Screwed male iron with backnut.

Sizes : ½, ¾, 1 in.

SELF-CLOSING TAPS

No. B 605
SELF-CLOSING BIB TAP
Polished Brass or Chromium-plated.
Non-concussive. Screwed for iron.

No. B 606
As above, with screwed boss for lead.
Sizes : ½ in., ¾ in. and 1 in.

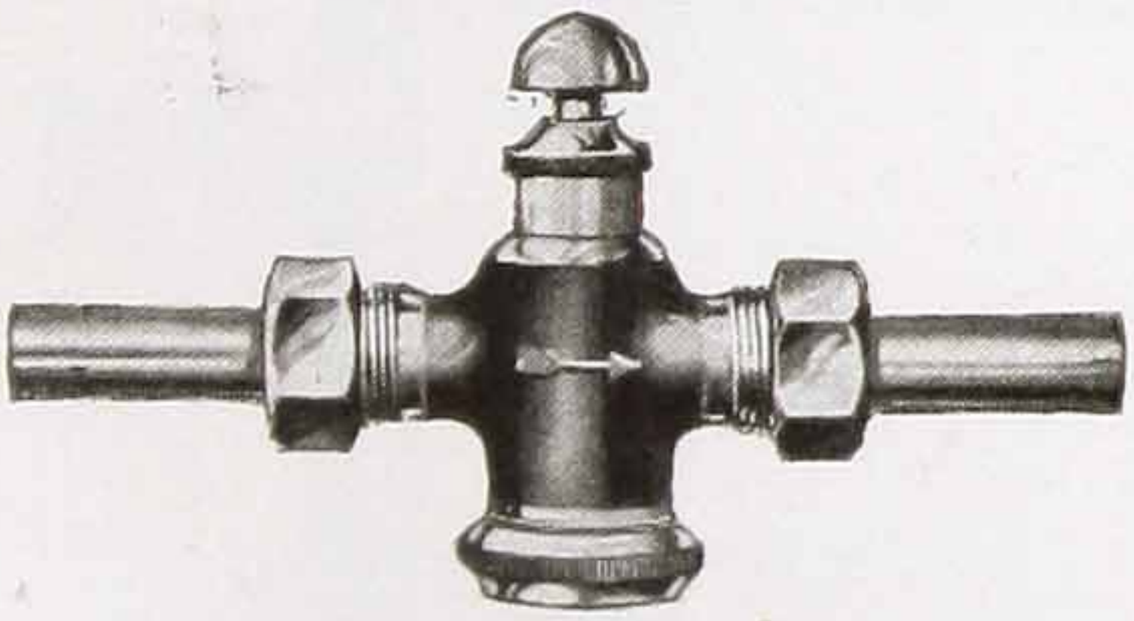


No. B 615
SELF-CLOSING TAP
Polished Brass or Chromium-plated.
Non-concussive. Screwed for iron.
Size : ½ in.

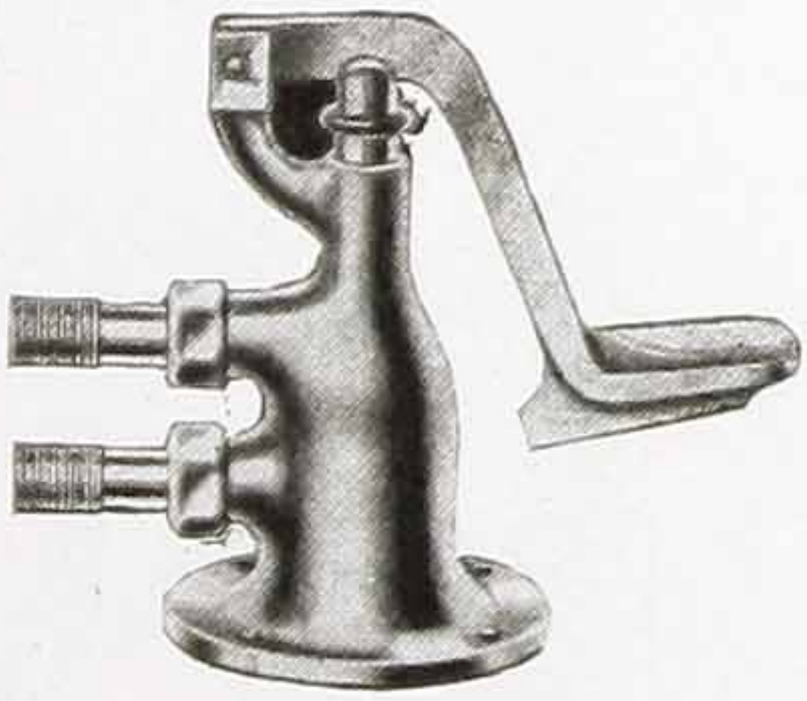
No. B 601
SELF-CLOSING BIB TAP
A stream-lined non-concussive chromium-plated tap with push-button operation, screwed for iron.
Sizes : ½ in. and ¾ in.

If possible please give approximate water pressure when ordering Self-closing Taps

No. B 602
SELF-CLOSING STOP TAP
Non-concussive pattern with push-button operation ; screwed female ends for iron. Chromium-plated.
Size : ½ in.



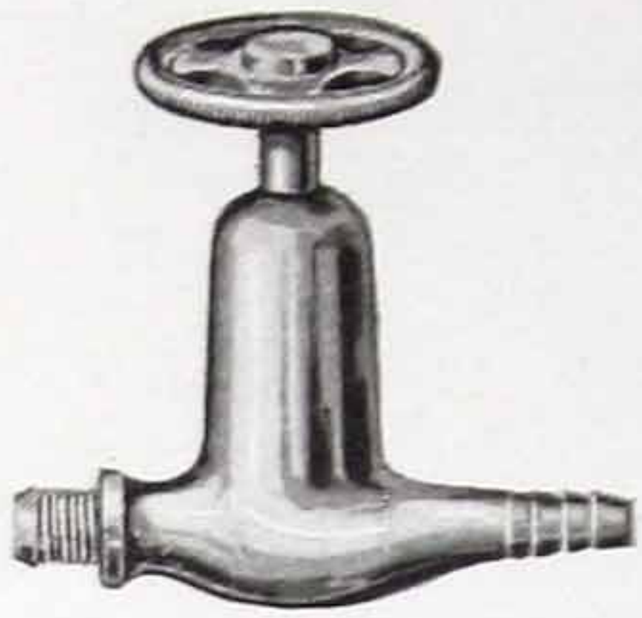
No. B 612
STOP TAP
Non-concussive self-closing type, with two unions for lead. Brass Unpolished.
Sizes : ½ in. and ¾ in.



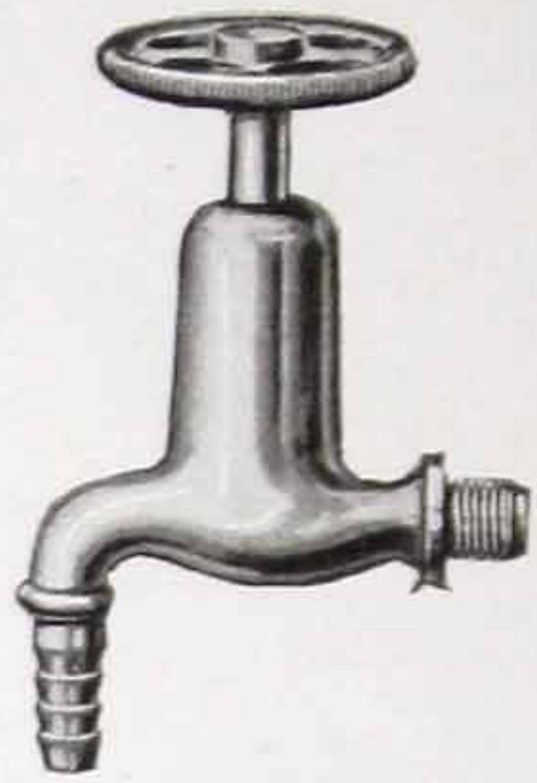
No. B 617
FOOT OPERATED CONTROL TAP
Polished Brass or Chromium-plated.
Non-concussive. Self-closing type with screwed unions for iron pipe.
Size : ¾ in.

GUN-METAL LABORATORY FITTINGS

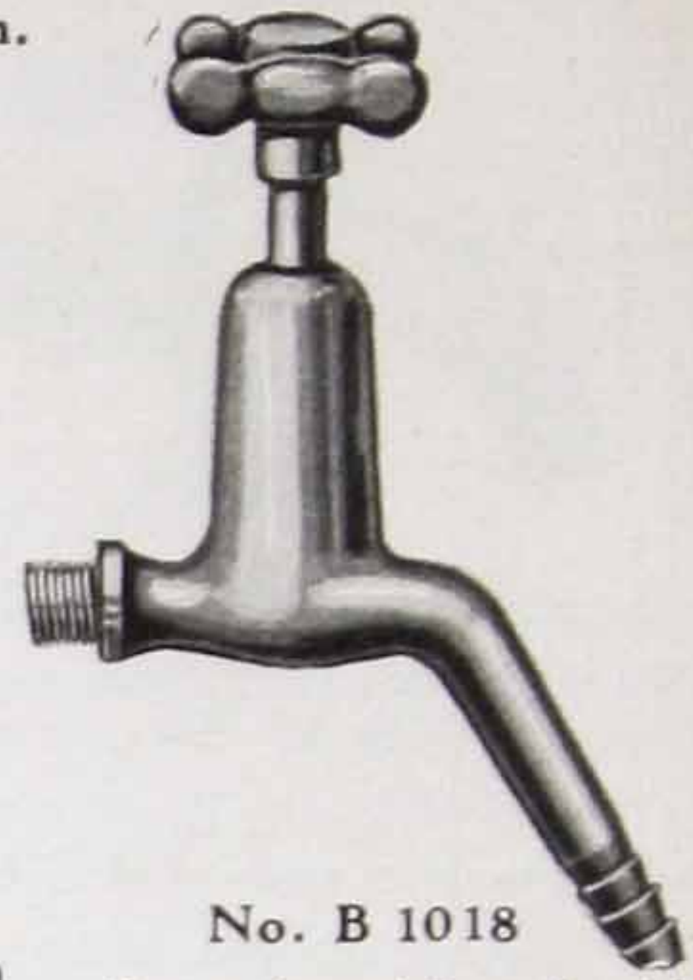
All smooth-body pattern.



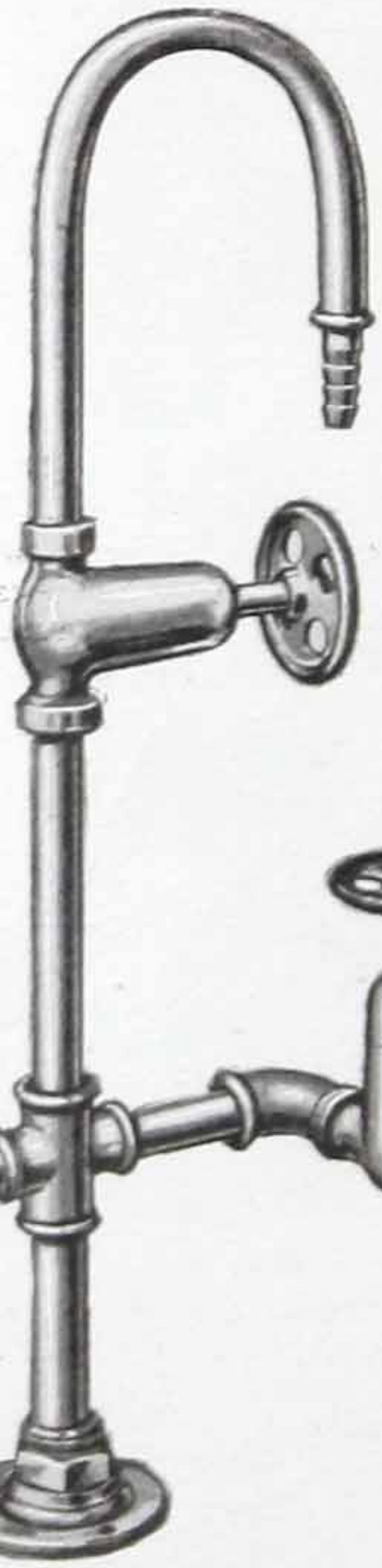
No. B 1016
Screw-down stop cock with wheel handle and corrugated nozzle for rubber tube.
Inlet ¼-in. iron.
Polished, Black Bronzed, Chromium-plated.



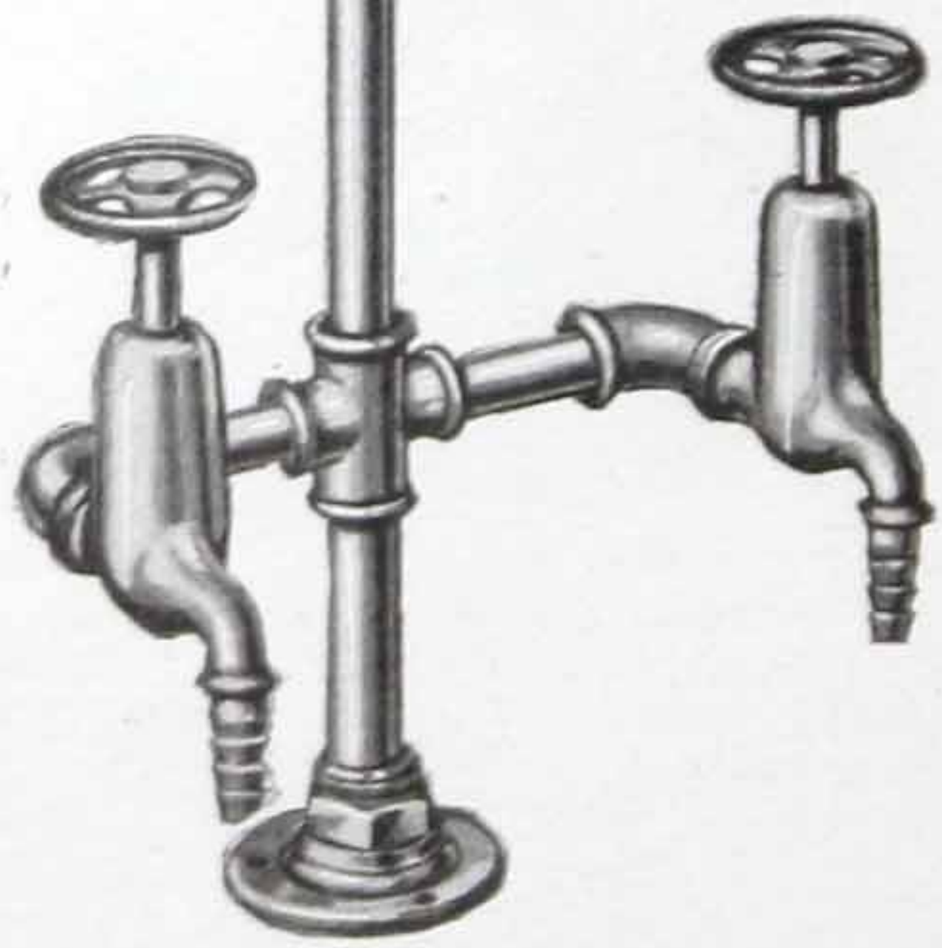
No. B 1017
Screw-down bib cock with wheel handle and corrugated nozzle for rubber tube.
Inlet ¼-in. iron.
Polished, Black Bronzed, Chromium-plated.



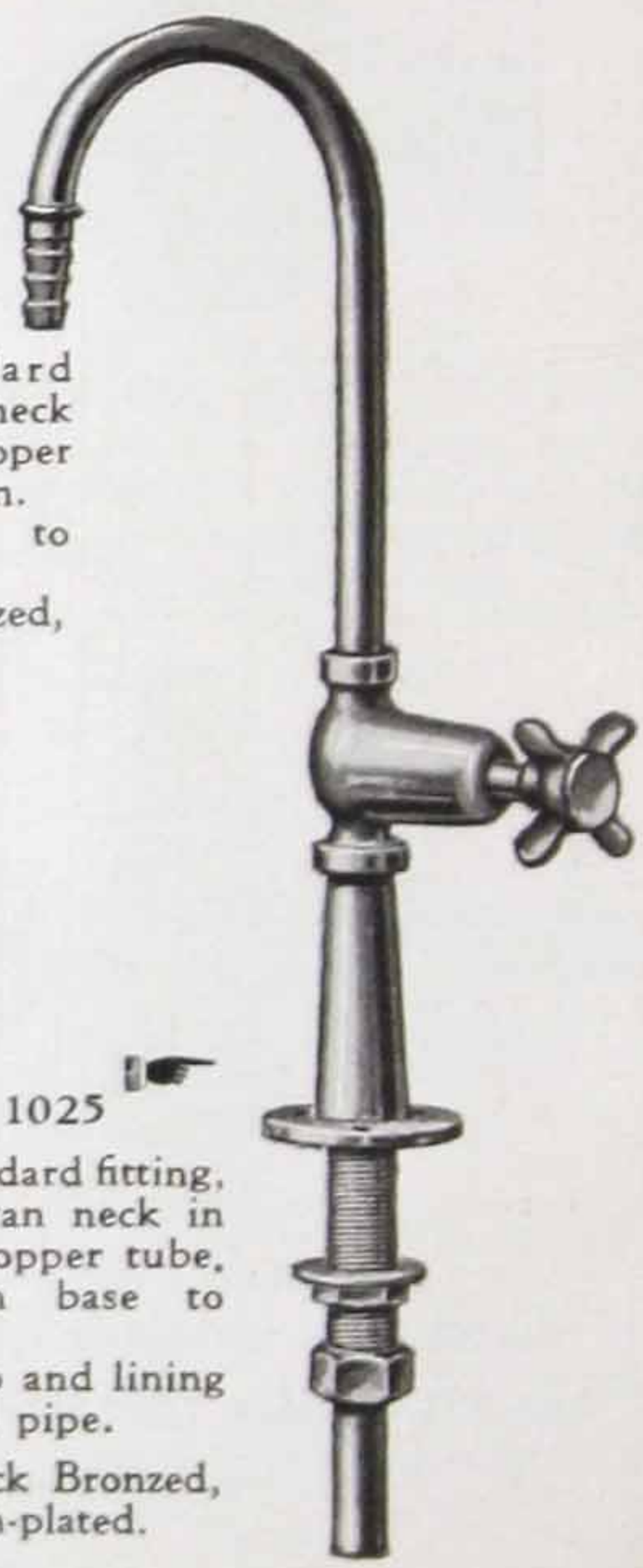
No. B 1018
Screw-down bib cock with capstan head and long angle corrugated nozzle for rubber tube.
Inlet ¼-in. iron.
Polished, Black Bronzed, Chromium-plated.



No. B 1023
Three-way Standard fitting, with swan neck in ⅝-in. strong copper tube. Inlet, ½-in. iron. Height from base to nose, 14½ in.
Polished, Black Bronzed, Chromium-plated.

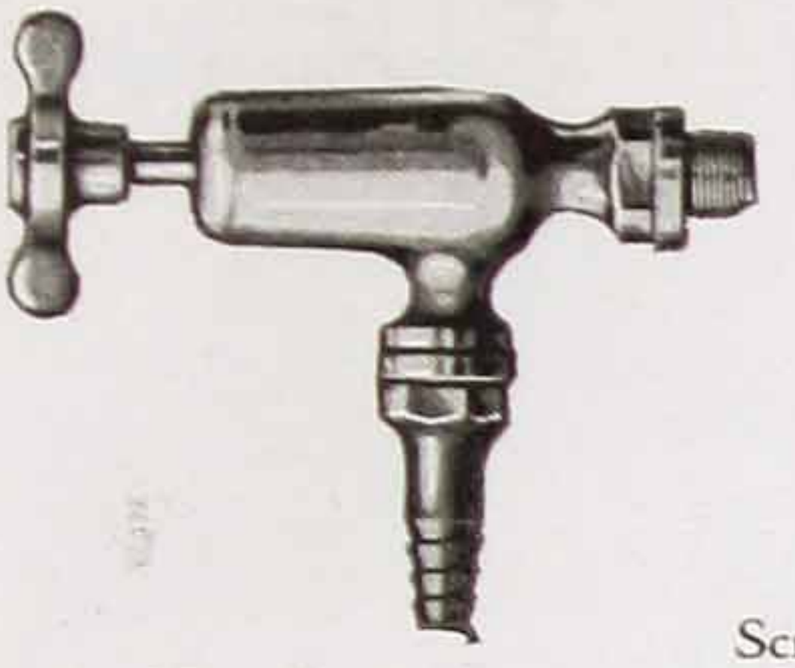


No. B 1025
One-way Standard fitting, with fixed swan neck in ½-in. strong copper tube. Height from base to nose, 9 in.
Inlet with cap and lining for ½-in. lead pipe.
Polished, Black Bronzed, Chromium-plated.

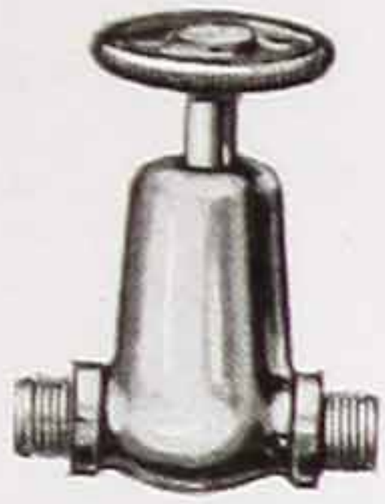


GUN-METAL LABORATORY FITTINGS

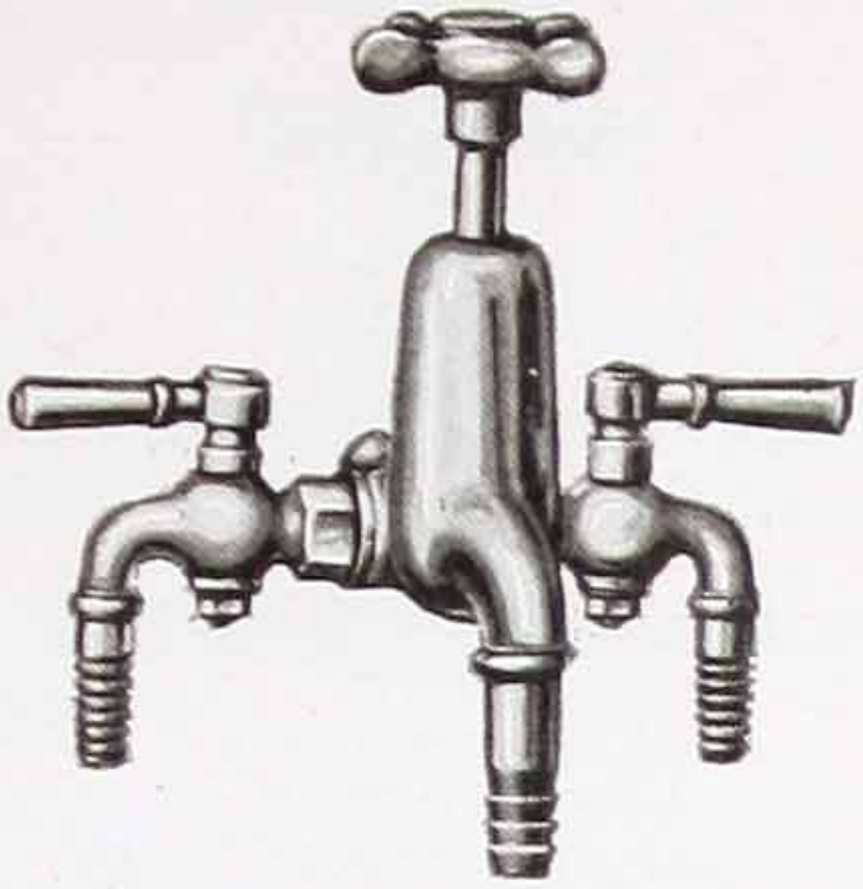
All smooth-body pattern.



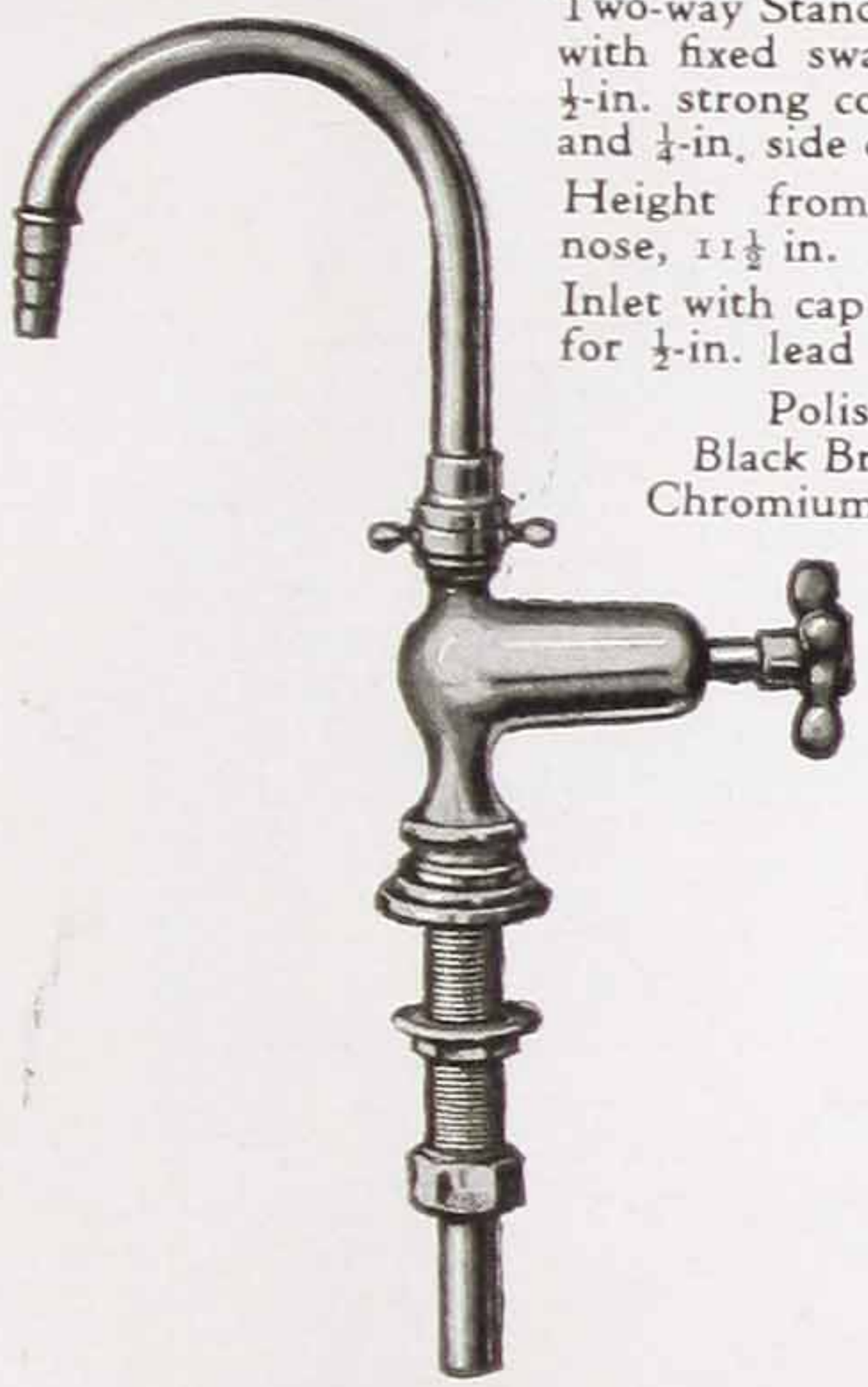
No. B 1021
Screw-down side cock with capstan head and corrugated nozzle for rubber tube. Inlet ¼-in. iron.
Polished. Black Bronzed. Chromium-plated.



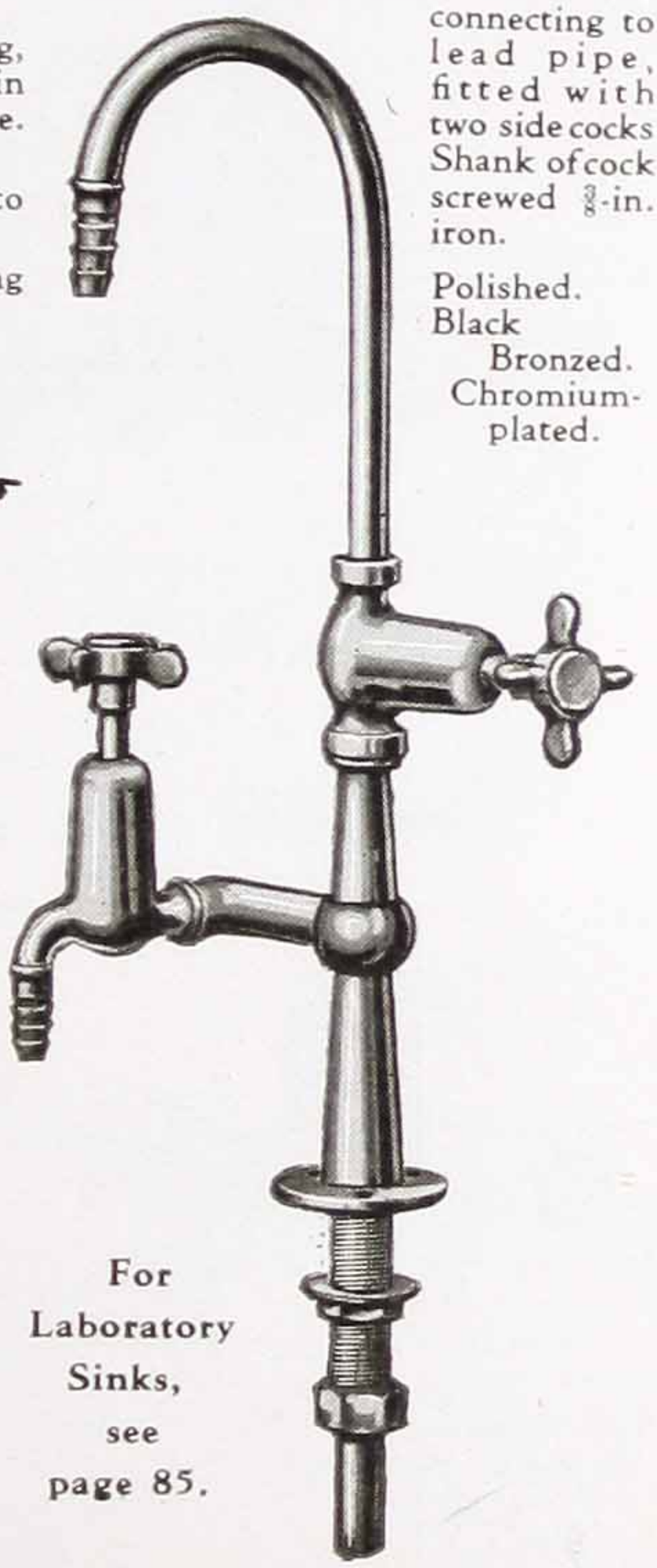
No. B 1020
Screw-down stop cock with wheel handle. Screwed ¼-in. iron male.
Polished.
Black Bronzed.
Chromium- plated.



No. B 1019
Screw-down bib cock with capstan head, corrugated nozzle for rubber tube and screw ferrule inlet for connecting to lead pipe, fitted with two side cocks Shank of cock screwed ⅜-in. iron.
Polished.
Black Bronzed.
Chromium-plated.



No. B 1024
Two-way Standard fitting, with fixed swan neck in ½-in. strong copper tube. and ¼-in. side cock.
Height from base to nose, 11½ in.
Inlet with cap and lining for ½-in. lead pipe.
Polished.
Black Bronzed
Chromium-plated.

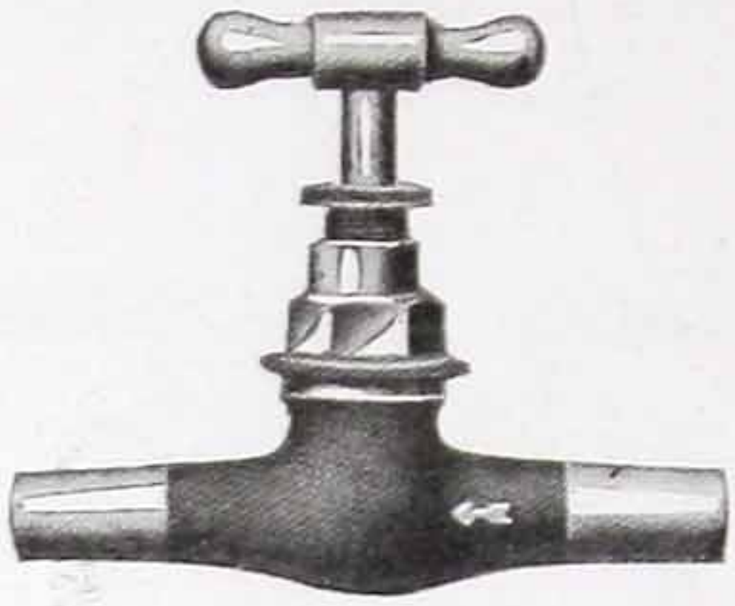


No. B 1026
One-way Standard fitting with loose swan neck in ½ in. strong copper tube, and winged fly-nut, enabling it to be fixed in any position.
Height from base to nose, 6 in.
Inlet with cap and lining for ½-in. lead pipe.
Polished. Black Bronzed.
Chromium-plated.

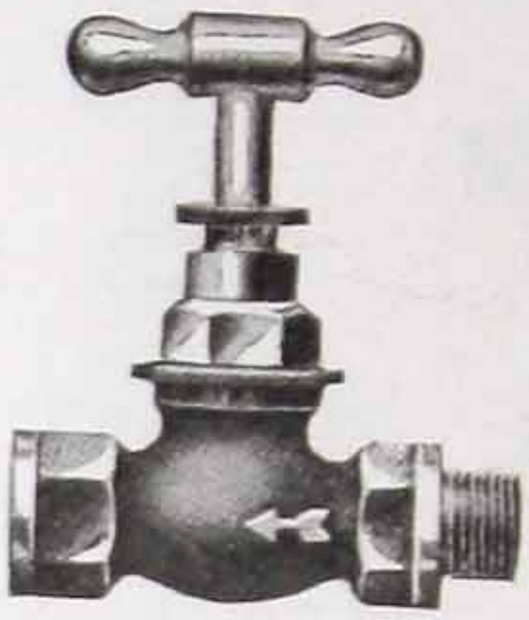
For Laboratory Sinks, see page 85.

STOP TAPS

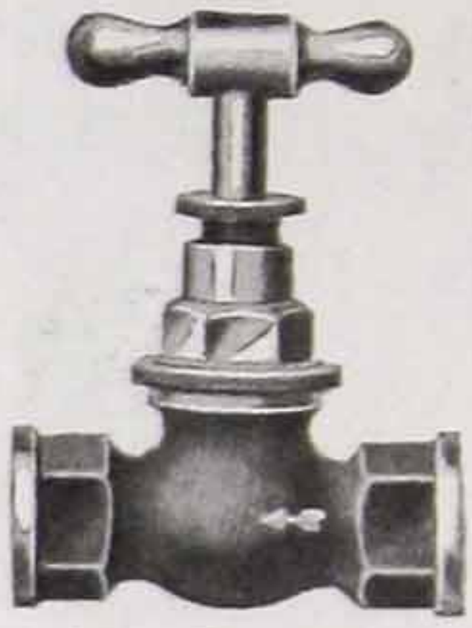
B.S. 1010 Pattern.



No. B 330.
STOP TAP
Lead to lead. Rough body.

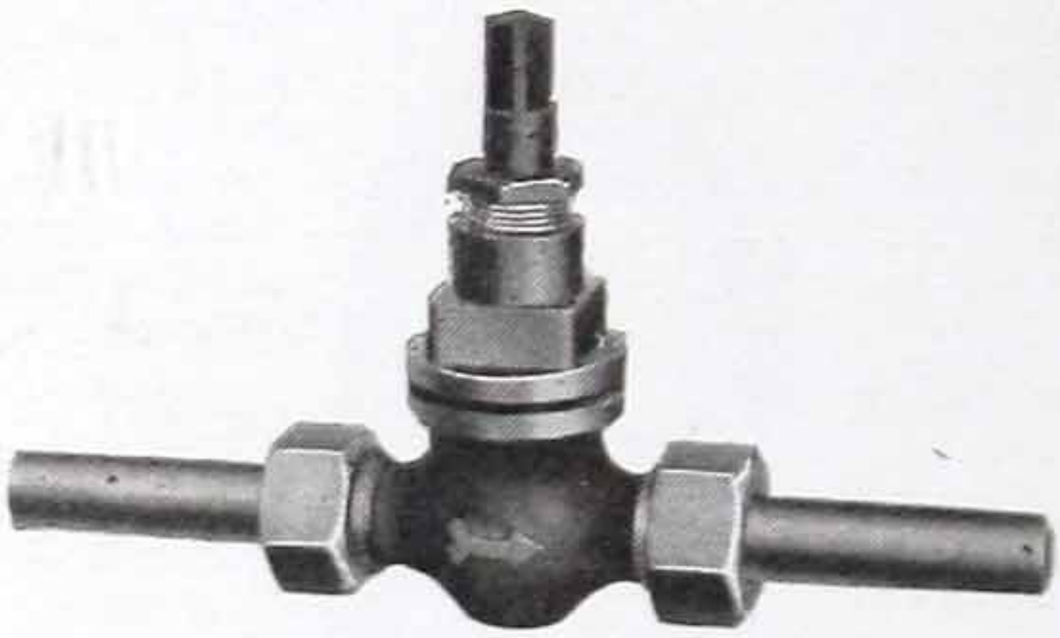


No. B 312
STOP TAP
Male and Female.



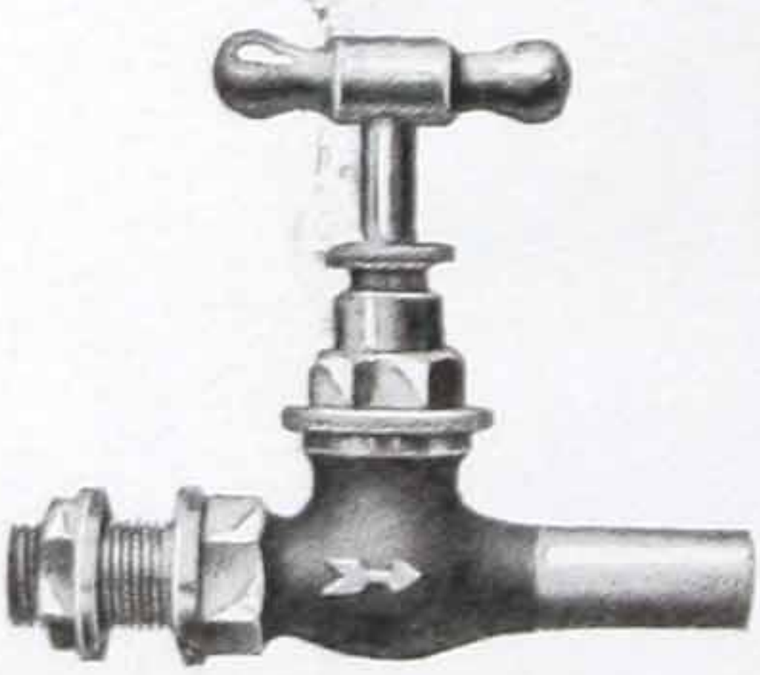
No. B 310
STOP TAP
Female both ends.

All above stocked in Sizes $\frac{1}{2}$ $\frac{3}{4}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ 2 in.

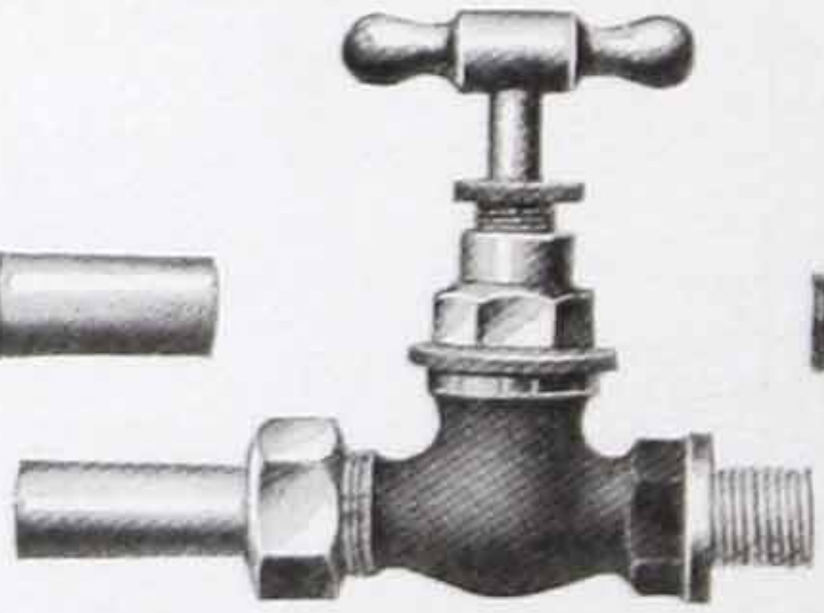


No. B 266
UNDERGROUND STOP TAP
Double union. Rough body.
Special Dublin Pattern.
Sizes $\frac{1}{2}$ $\frac{3}{4}$ in.

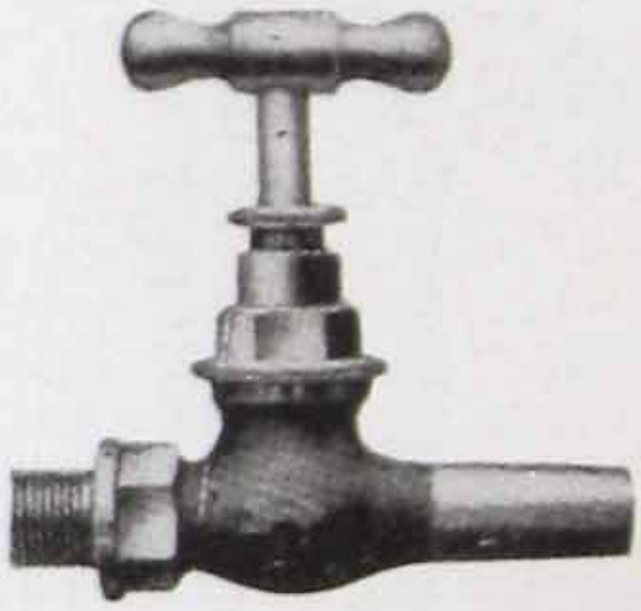
No. B 313
STOP TAP
Polished smooth body with indexed capstan head.
Female both ends.
Sizes $\frac{1}{2}$ $\frac{3}{4}$ in.



No. B 314
STOP TAP
For iron cisterns.
Fixed valve.
Screwed inlet and backnut.
Sizes : $\frac{1}{2}$ $\frac{3}{4}$ 1 in.

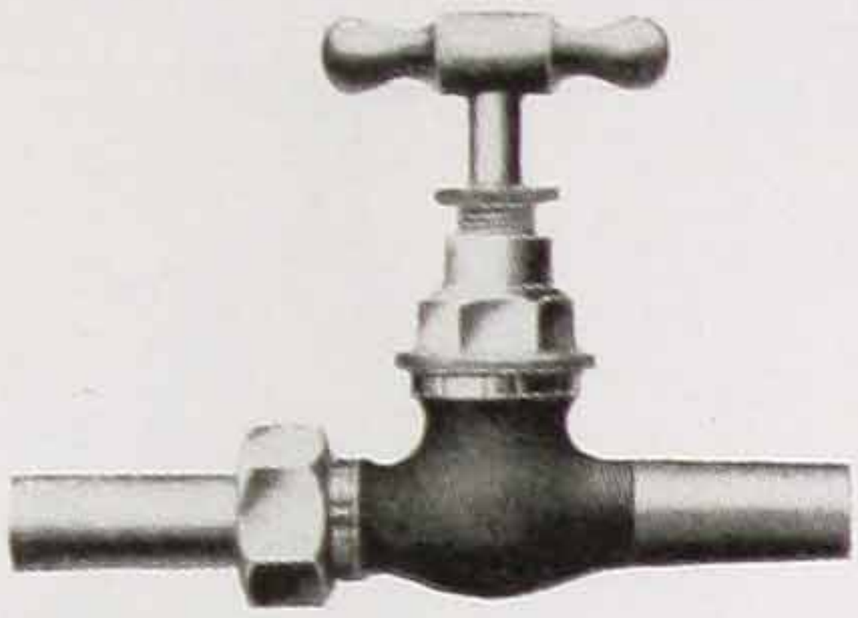


No. B 316
STOP TAP
Male, with union for lead.
Sizes : $\frac{1}{2}$ $\frac{3}{4}$ 1 in.

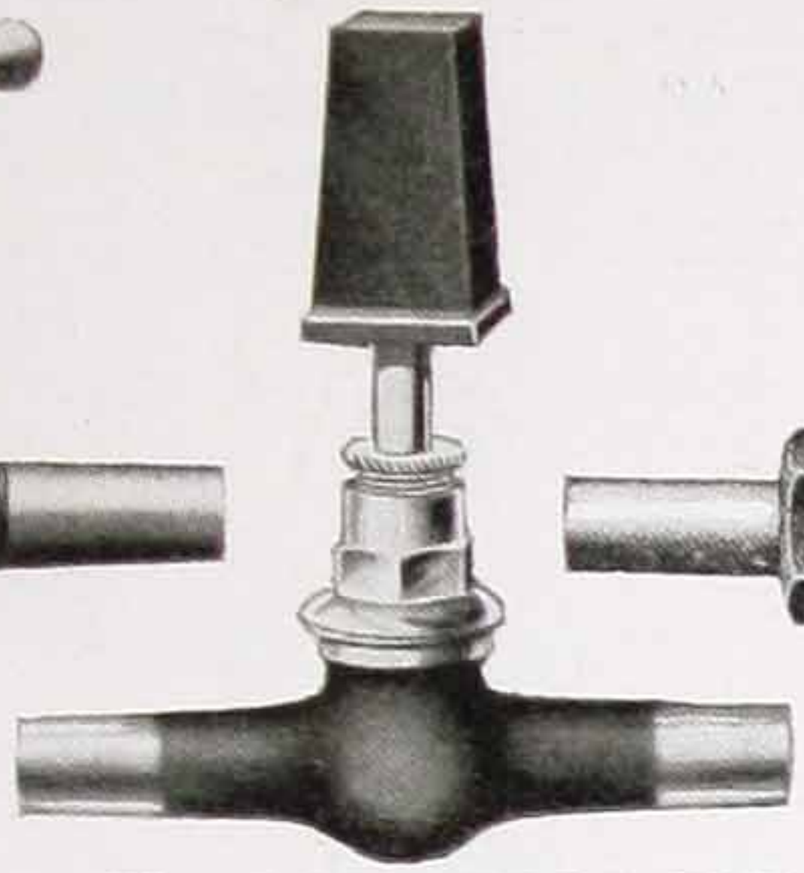


No. B 315
STOP TAP
Screwed inlet and plain tail.
Sizes : $\frac{1}{2}$ $\frac{3}{4}$ 1 in.

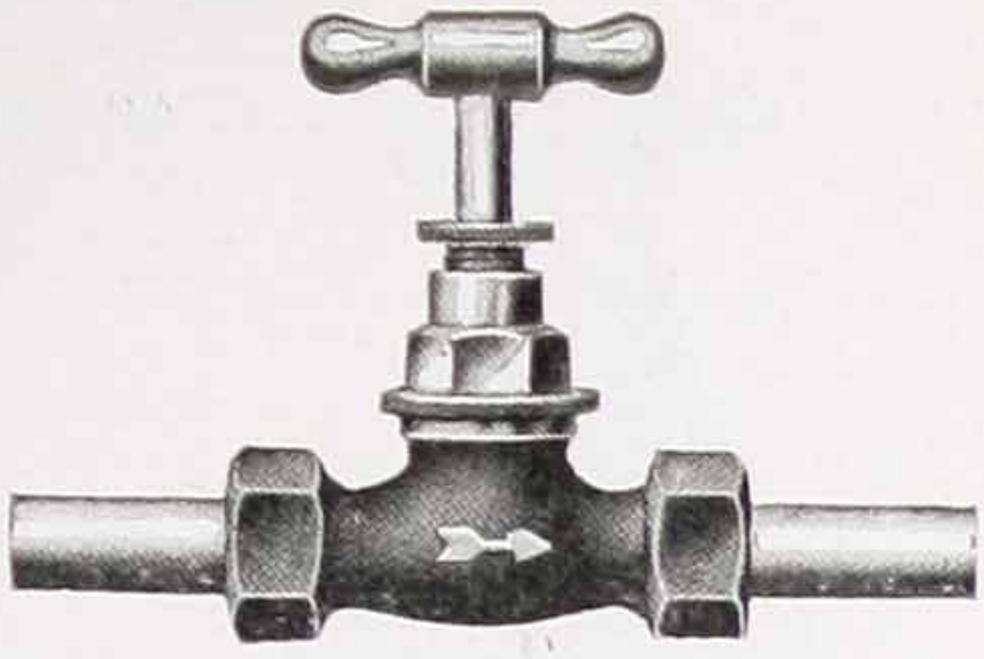
STOP TAPS AND FERRULES



No. B 317
STOP TAP
Union and plain tail for lead.
BS.1010 pattern.
Sizes : ½ in., ¾ in., 1 in.

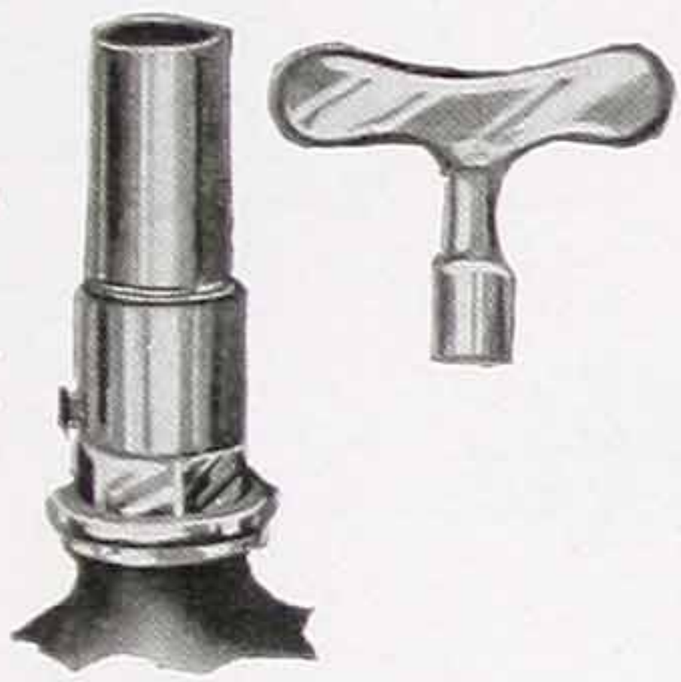


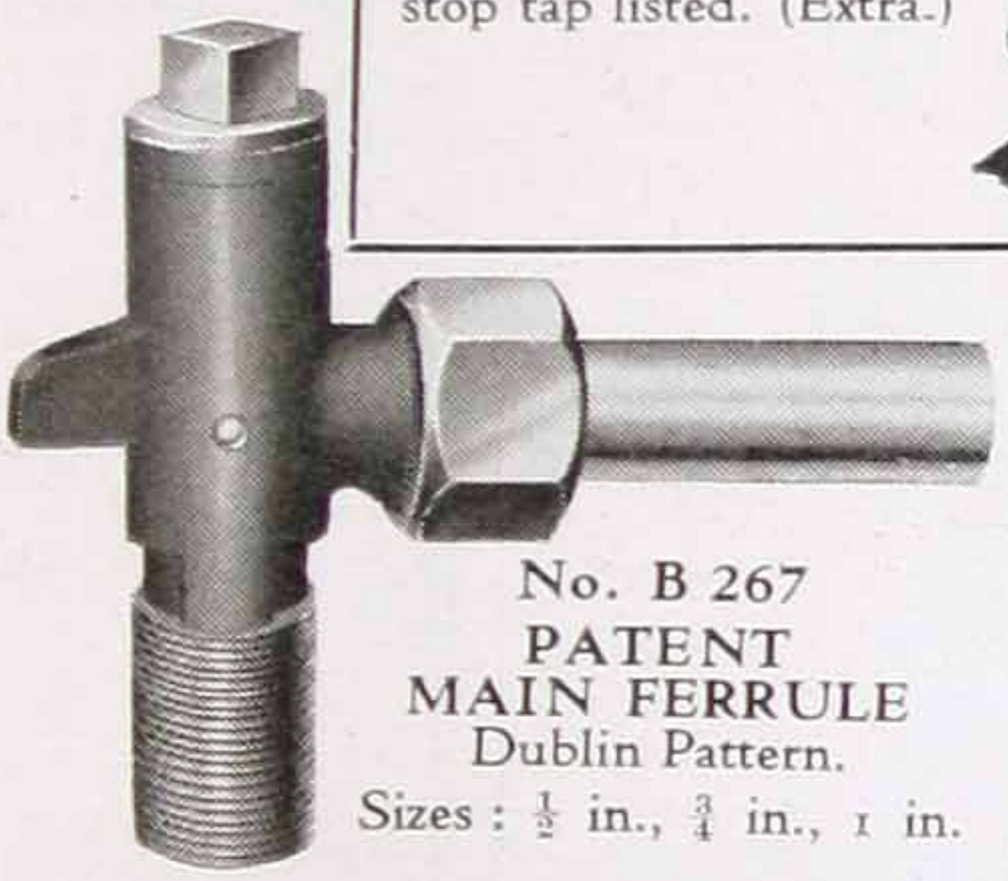
No. B 319. **STOP TAP**
Lead to lead, rough body and cast-iron square head.
BS.1010 pattern.
All sizes : ½ in. to 2 in.



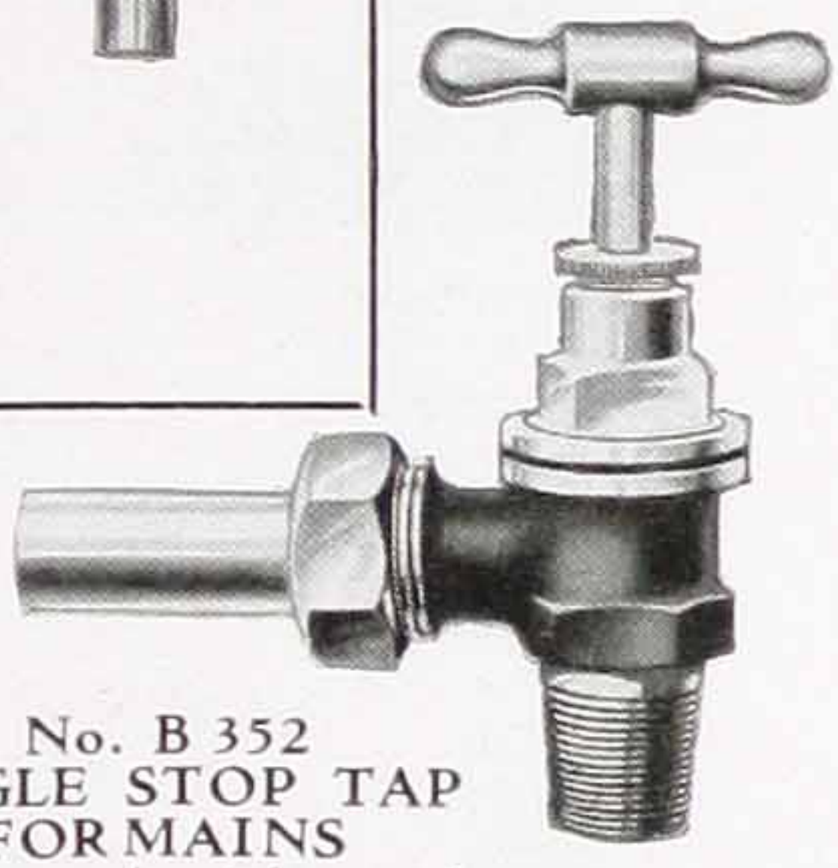
No. B 318
STOP TAP
With union for lead both ends.
BS.1010 pattern.
Sizes : ½ in., ¾ in., 1 in

FERRULE GUARD and LOOSE KEY
Can be supplied with any screw-down bib or stop tap listed. (Extra.)

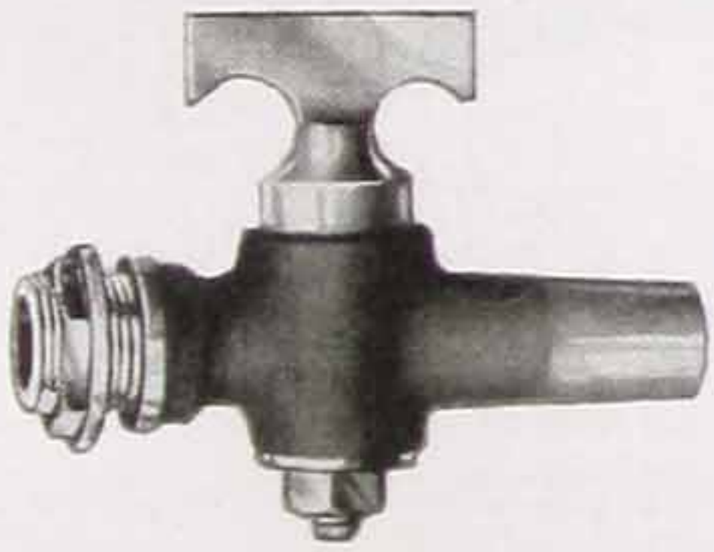




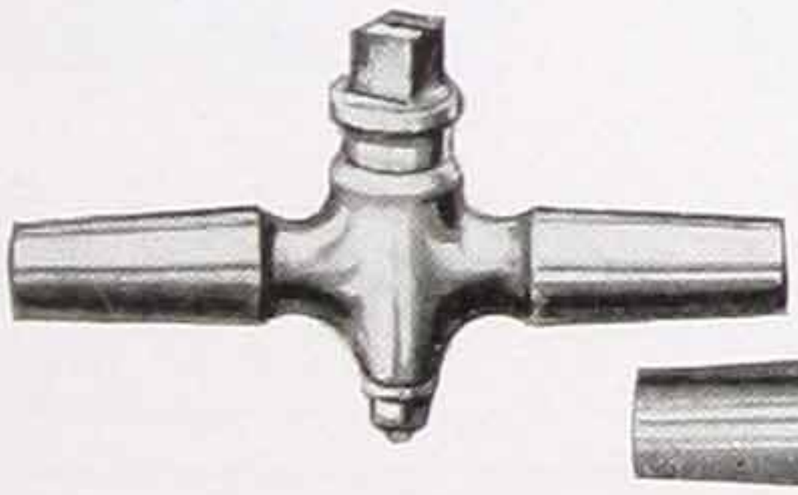
No. B 267
PATENT MAIN FERRULE
Dublin Pattern.
Sizes : ½ in., ¾ in., 1 in.



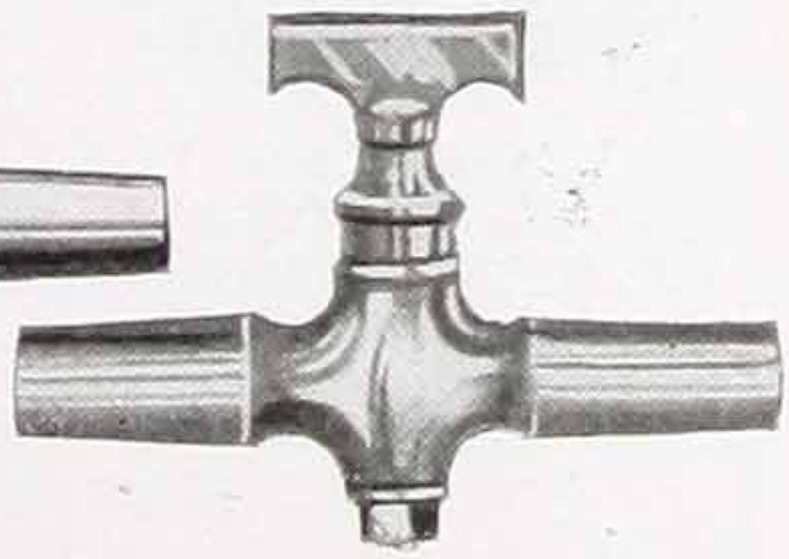
No. B 352
ANGLE STOP TAP FOR MAINS
Taper male inlet and union for lead
Sizes : ½ in., ¾ in., 1 in.



No. B 670
PLUG STOP TAP
For iron cisterns.
Screwed inlet with backnut, and plain tail.
Size: ¾ in., 1 in.



No. B 690
PLUG STOP TAP
Lead to lead.
Square head.
Sizes : ½ in., ¾ in., 1 in.

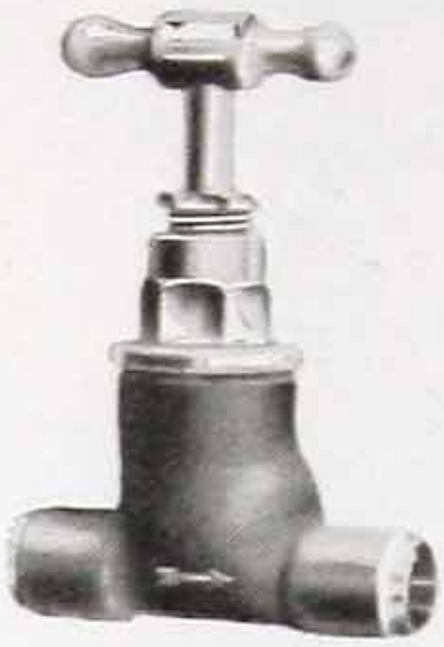


No. B 661
PLUG STOP TAP
Lead to lead.
Tee crutch.
Sizes : ½ in., ¾ in., 1 in.

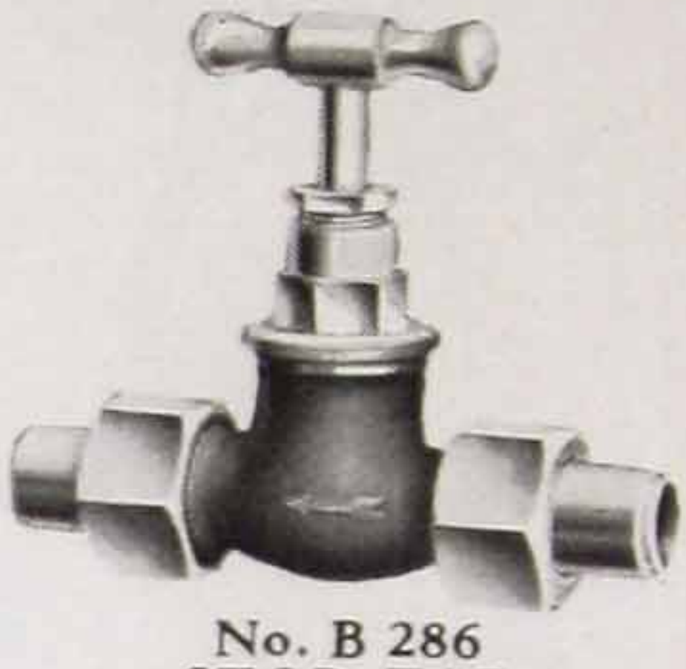
BAXENDALE & CO. LTD.

STOP TAPS FOR COPPER

All screw-down taps to
B.S.S. 1010

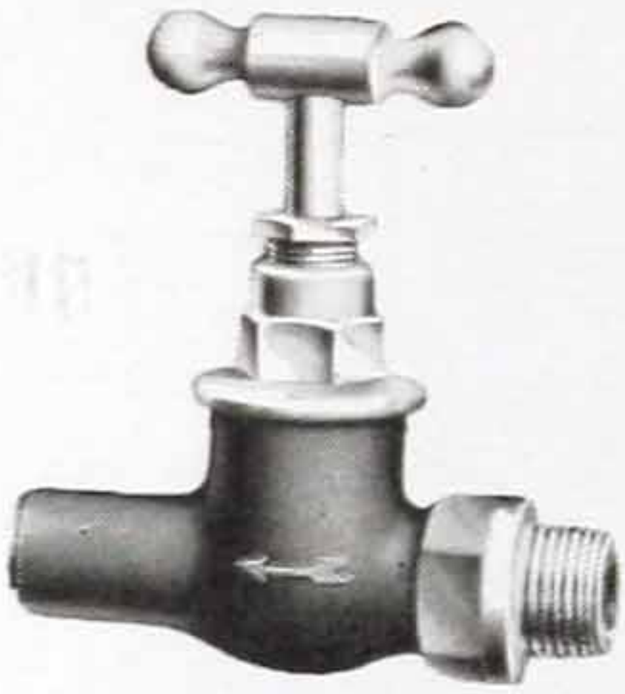


No. B 285
STOP TAP
Copper to copper.
Yorkshire.
Sizes : ½, ¾, 1 in.



No. B 286
STOP TAP
Copper to copper. Two unions. Yorkshire.
All sizes : ½ to 2 in.

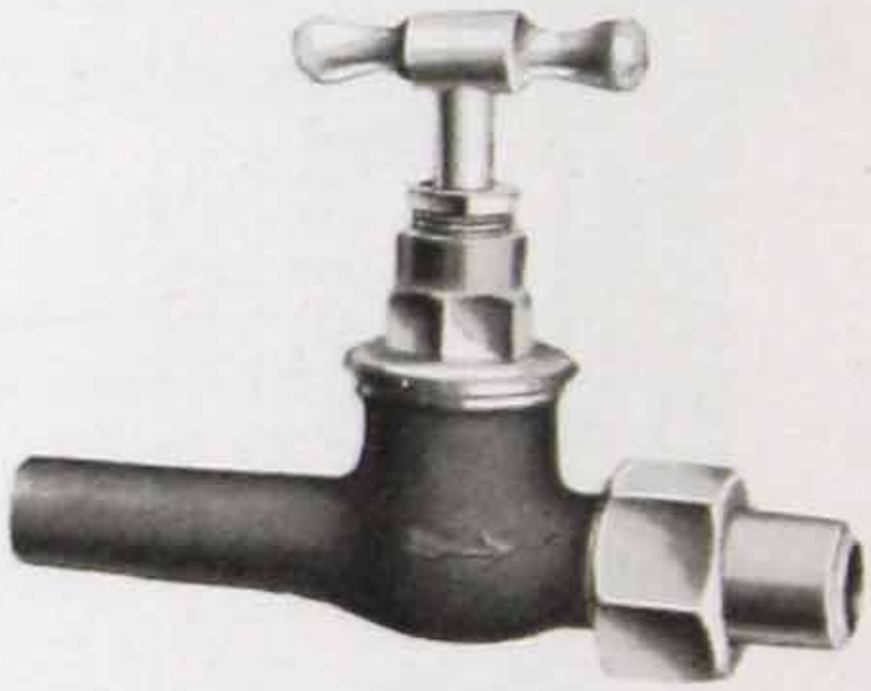
No. B 288
PLUG STOP TAP
Male with backnut to Copper. Yorkshire.
Sizes : ½, ¾ in.



No. B 287
STOP TAP
Male to copper.
Yorkshire.
Sizes : ½, ¾, 1 in.

No. B 289
STOP TAP
Lead to copper.
Yorkshire.
Sizes : ½, ¾, 1 in.

No. B 290
STOP TAP
Copper to copper union.
Yorkshire.
Sizes : ½, ¾, 1 in.



No. B 291
STOP TAP
Lead to copper union. Yorkshire.
All sizes : ½ to 2 in.

WE HOLD STOCKS of the following COPPER TUBE FITTINGS
at our various establishments—
CONEX, IDEAL, INSTANTOR, KONTITE, PRESTEX, SECUREX, YORKSHIRE.
Illustrated brochures will be supplied on request.

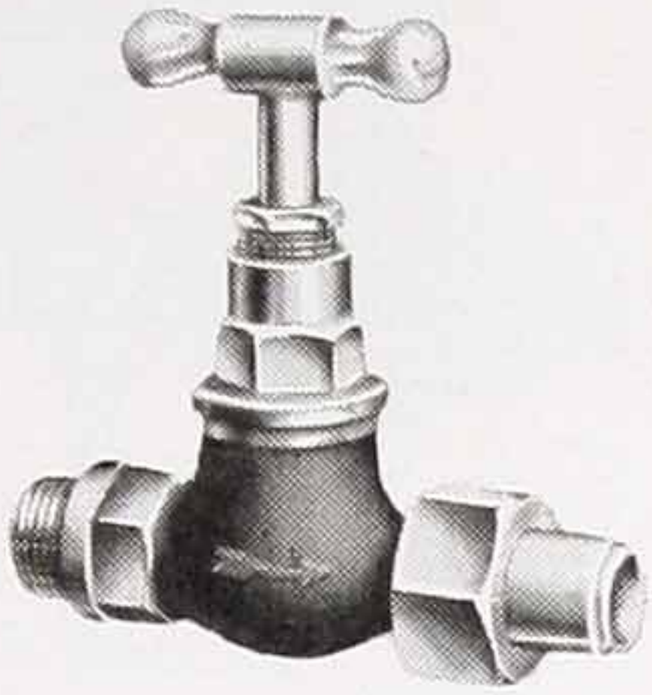
MILLER STREET · MANCHESTER

BAXENDALE & CO. LTD.

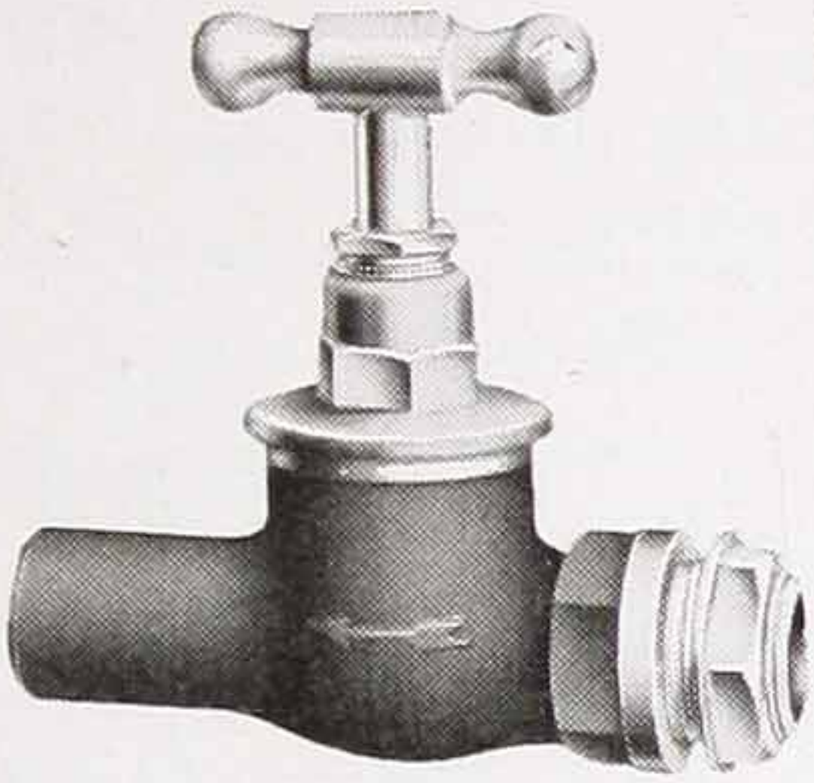
STOP TAPS FOR COPPER

All screw-down taps to
B.S.S. 1010

No. B 292
PLUG STOP TAP
Copper to copper.
Yorkshire.
Sizes : ½, ¾ in.

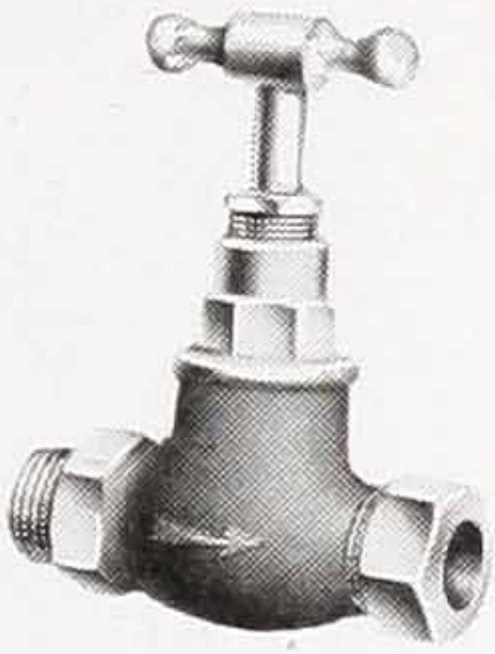


No. B 293
STOP TAP
Male to copper union.
Yorkshire
All sizes : ½ to 2 in.

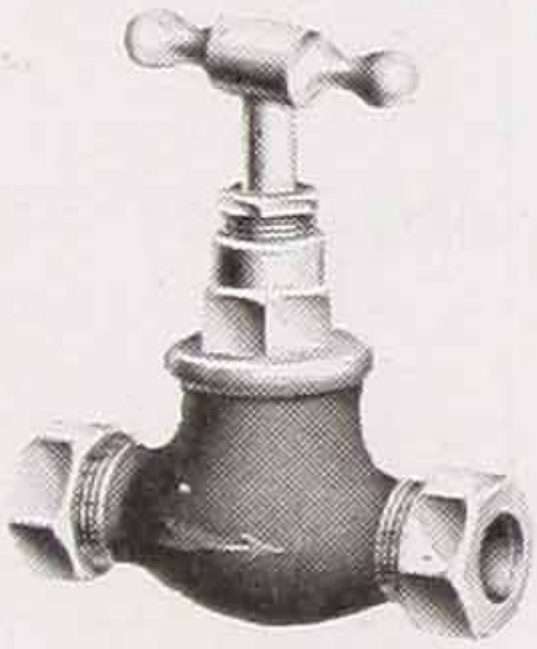


No. B 294
CISTERN
STOP TAP
Male with backnut to
copper. Yorkshire.
Sizes : ½, ¾, 1 in.

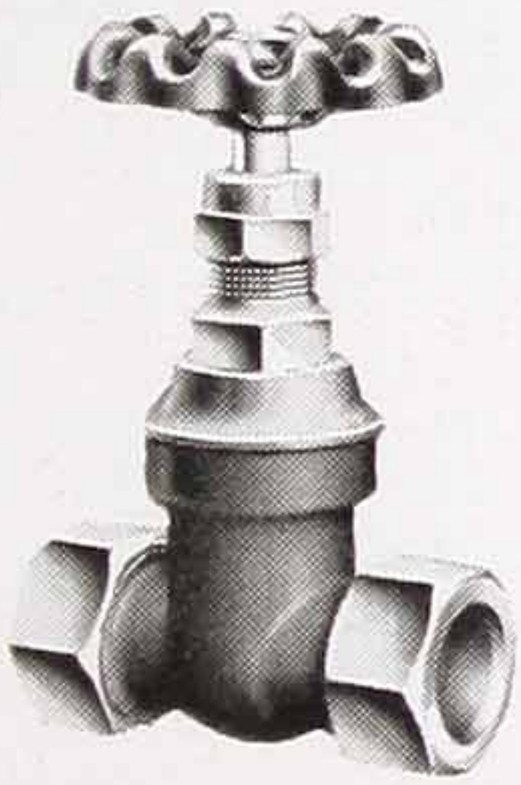
No. B 295
FULLWAY VALVE
Copper to copper.
Yorkshire.
All sizes : ½ to 2 in.



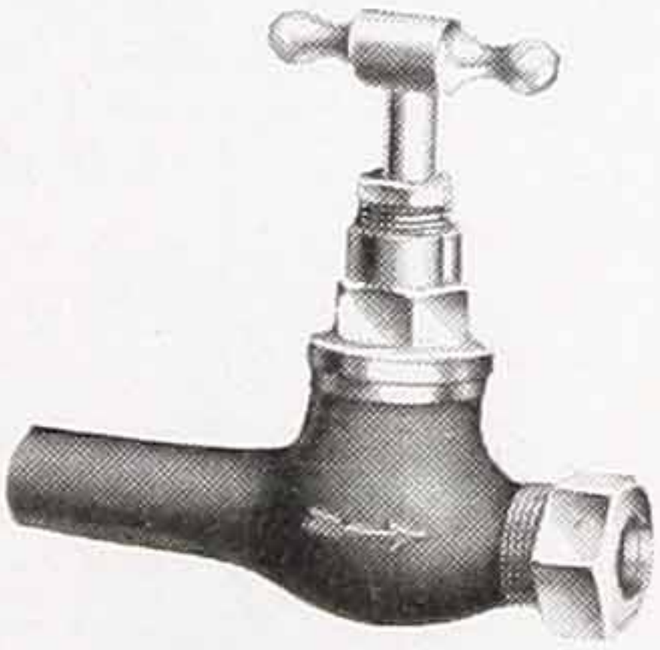
No. B 296
STOP TAP
Male to copper com-
pression joint.
All sizes : ½ to 2 in.



No. B 298
STOP TAP
Copper to copper.
Compression joints.
All sizes : ½ to 2 in.



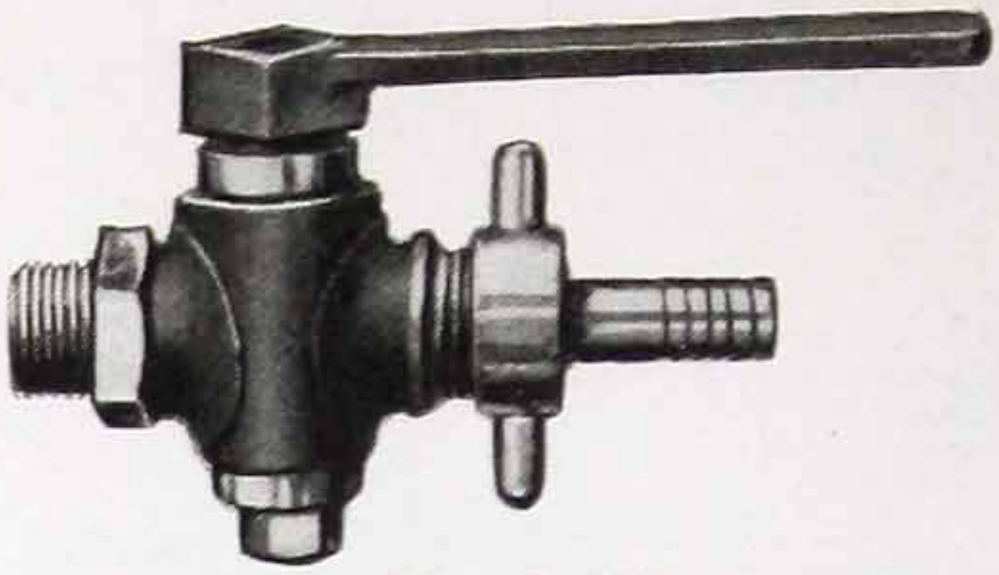
No. B 297
FULLWAY VALVE
Copper to copper
Compression joints.
All sizes : ½ to 3 in.



No. B 299
STOP TAP
Lead to copper.
Compression joint.
All sizes : ½ to 2 in.

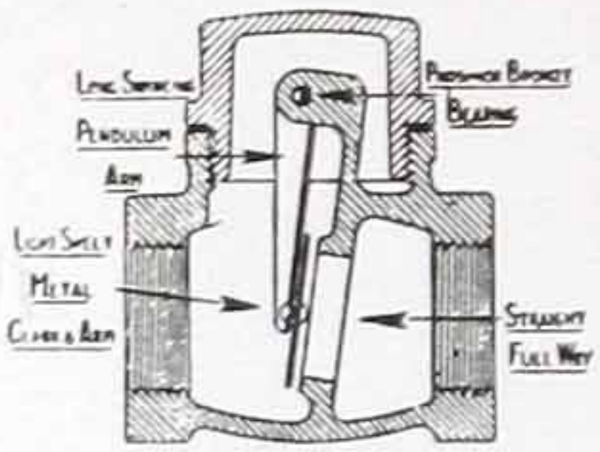
WE HOLD STOCKS of the following COPPER TUBE FITTINGS
at our various establishments—
CONEX, IDEAL, INSTANTOR, KONTITE, PRESTEX, SECUREX,
YORKSHIRE.
Illustrated brochures will be supplied on request.

LIVERPOOL · EDINBURGH · DUBLIN



No. B 657
SLUDGE COCK
With hose union and malleable iron loose key. Screwed male.
Sizes : ½ in., ¾ in., 1 in.

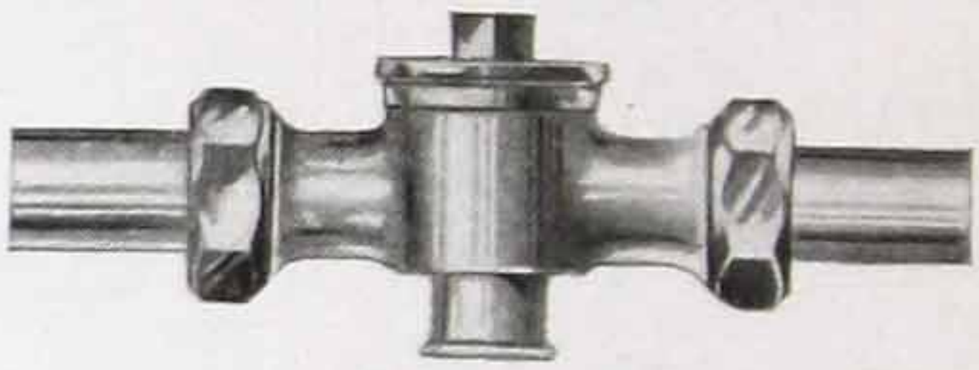
No. B 658
SLUDGE COCK
Screwed male.
Sizes : ½ in., ¾ in.



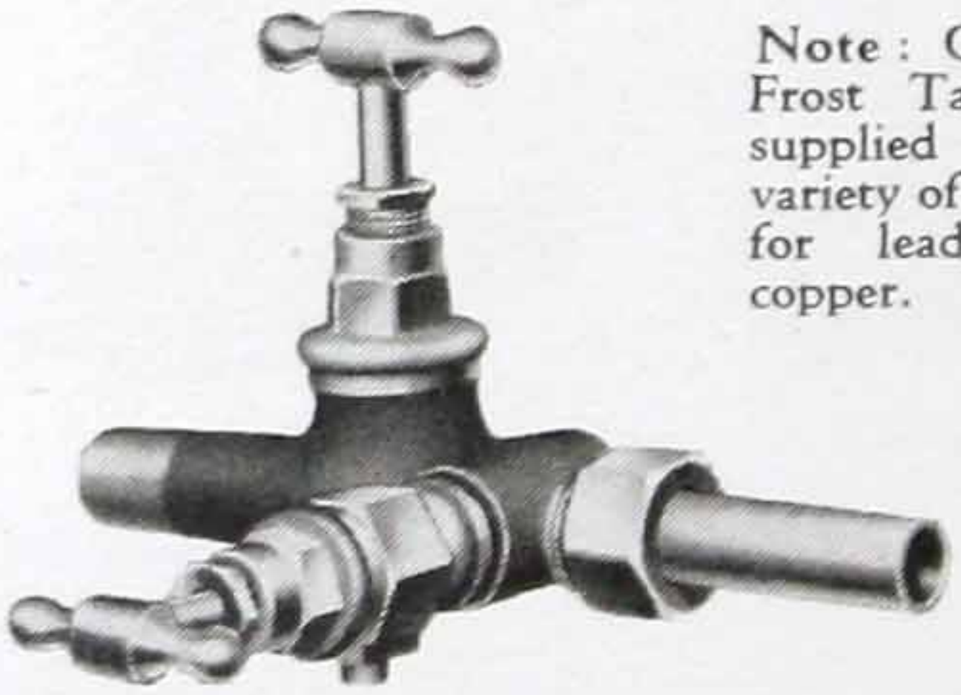
No. B 659
FEATHERWEIGHT BACK VALVE
For hot water supply.
Female ends.
Does not check the circulatory movement of water.
Should be fixed horizontally with a slight fall in the same direction as the pipe.
All sizes : ½ in. to 2 in.

No. B 691
PRESSURE REDUCING VALVE ☛
For water supply.
Unions for lead pipe.
Will effect any desired reduction of pressure not greater than one-half. State requirements when ordering.

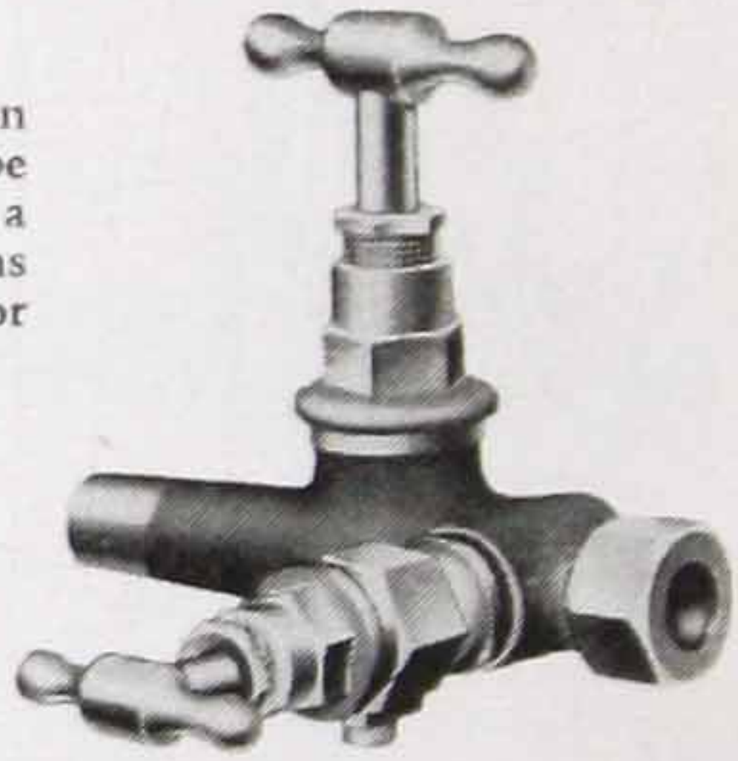
No. B 692
As above, but screwed female ends. (*No unions.*)
All sizes : ½ in. to 1½ in.



No. B 691



Note : Combination Frost Taps can be supplied with a variety of connections for lead pipe or copper.



No. B 370
COMBINATION FROST TAP
BS.1010 pattern.
Plain tail × union for lead with ¼ in. drain cock.
Size ½ in.

No. B 371
COMBINATION FROST TAP
BS.1010 pattern.
Plain tail × compression joint for copper with ¼ in. drain cock.
Size ½ in.

SUPATAPS

SUPERB QUALITY JUSTIFIES THE ALL-TIME GUARANTEE

No. B 262
SUPATAP BIB TAP

Chromium-plated, screwed ½ in. male iron. Normally supplied with metal ear pieces similar to the swan neck illustrated below, but De-Luxe ear pieces as this illustration can be supplied with all Supatap models at an extra charge.

No. B 263
SWAN NECK PILLAR TAP

Chromium-plated :

½ in. size for lavatory basins, Model RT/A

¾ in. size for baths, Model RT/B.

No. B 264
SINK PILLAR TAP

These give extra height, affording ample space for filling buckets, etc., in ordinary size sinks.

Model RT/EL. ½ in. size, vertical clearance 4½ in.

Model RT/LX. ½ in. size, vertical clearance 2 in.

Model RT/B/EL. ¾ in. size, vertical clearance 4½ in.

No. B 265
THE NEW CUSHIONED NYLON WASHER

This washer is extremely durable, as a result of a combination of special nylon and selected rubber, one material giving great toughness and the other a soft cushioning effect. This washer will last five times as long in Supataps as the standard pattern.

No. B 269

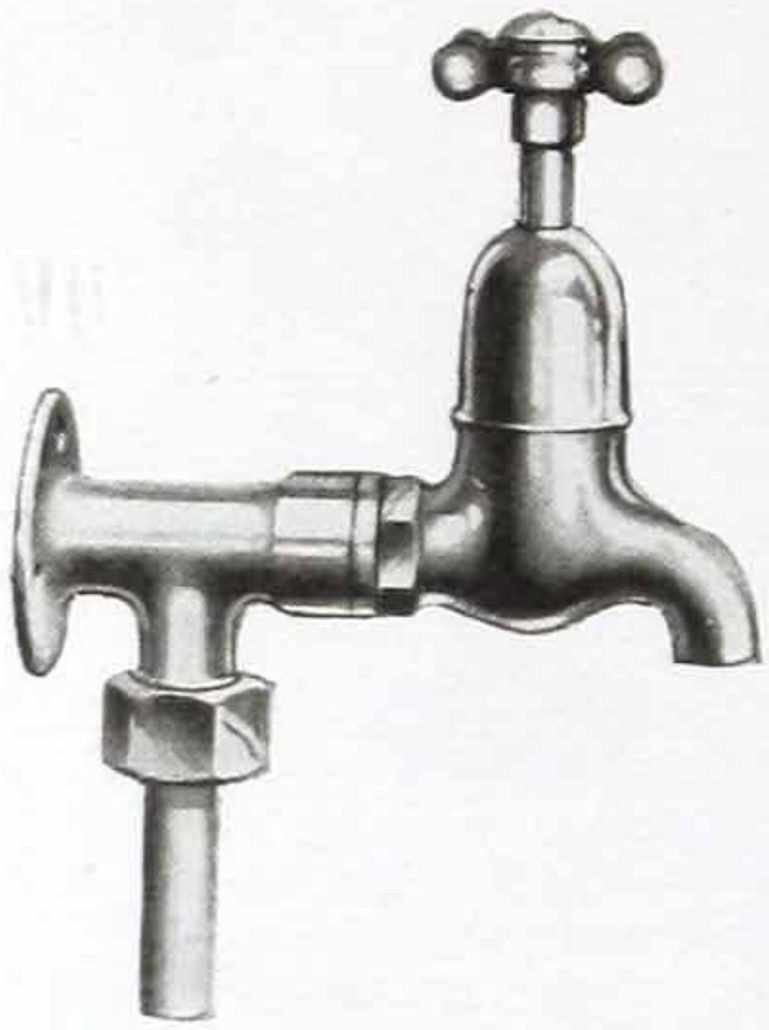
BIB TAP AND WALL PLATE

B.S. 1010 Pattern

Chromium-plated smooth-body with capstan head, indexed.

Wall plate with plain tail for lead.

Sizes : ½ in. and ¾ in.



No. B 268

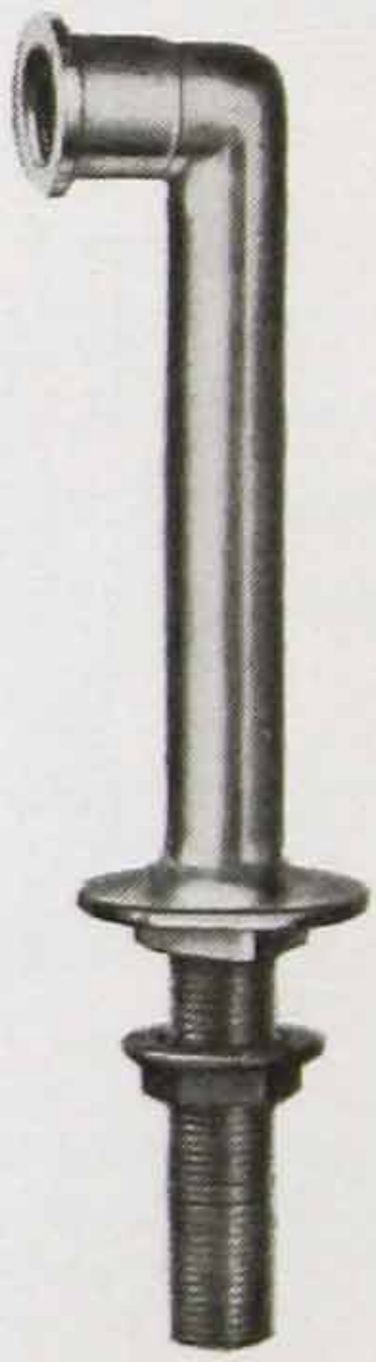
BIB TAP AND WALL PLATE

B.S. 1010 Pattern

Chromium-plated smooth-body with capstan head, indexed.

Wall plate with union tail for lead.

Sizes : ½ in. and ¾ in.



No. B 261

BIB TAP STANDARD

Chromium-plated 4¾ in. or 6 in. high.

3 in. Screwed Tail and Back Nut.

Sizes : ½ in. and ¾ in.

Can also be supplied with 12 in. or 17 in. tails (extra).

SINK TAPS

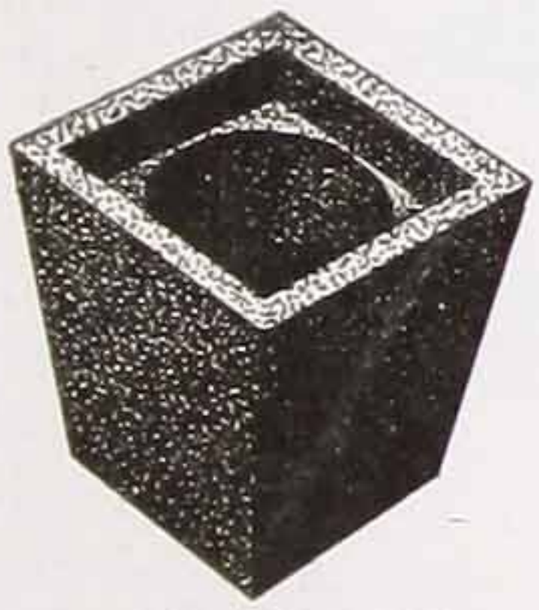
No. B 419

HIGH NECK SINK PILLAR TAPS

Chromium-plated BS1010 with solid capstan heads lettered H and C. 3 in. long tails supplied as standard but can also be supplied with extended tails as required.

Size ½ in, with 4 in. nose and 4 in. neck.

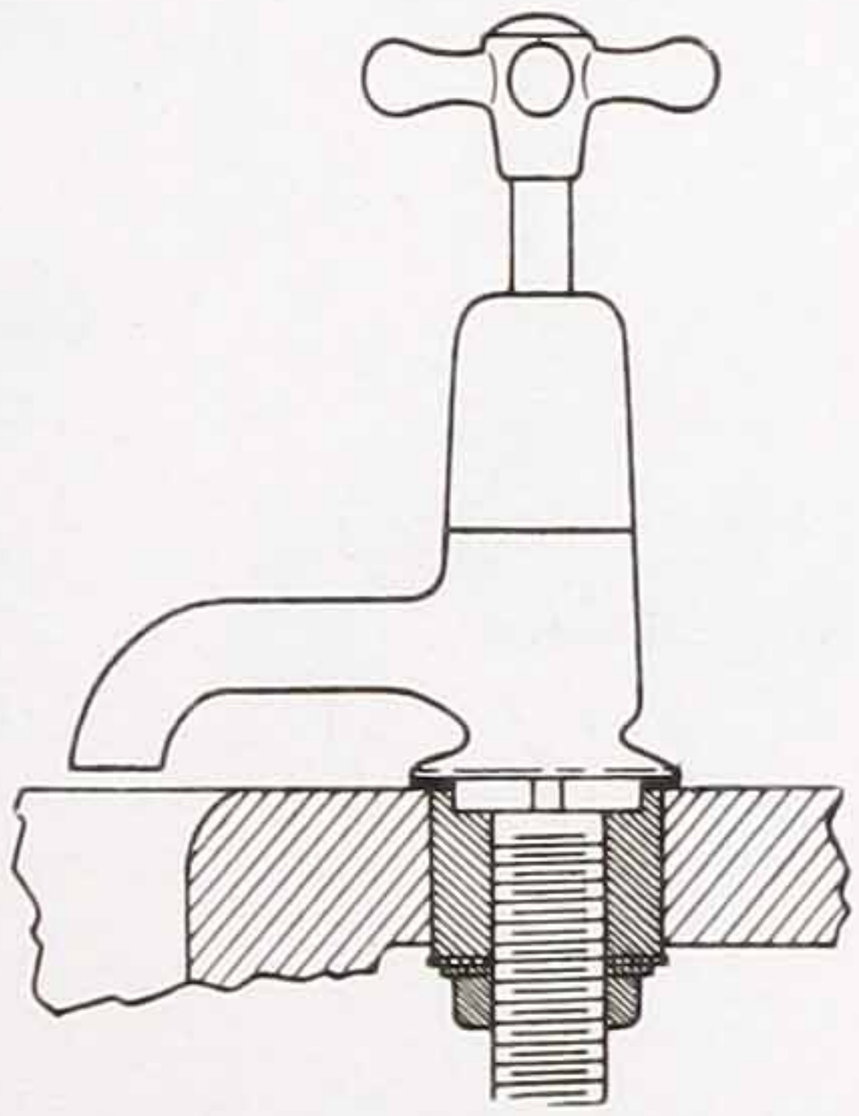
Unions for lead can be supplied. (Extra).



No. B 417

"FIX-A-TAP" RUBBER JOINTING SET FOR FIXING BASIN TAPS AND WASTES

Each set comprises two "Fix-a-Tap" plugs, four rubber washers, two zinc or brass washers for taps, two rubber washers and one zinc or brass washer for waste.

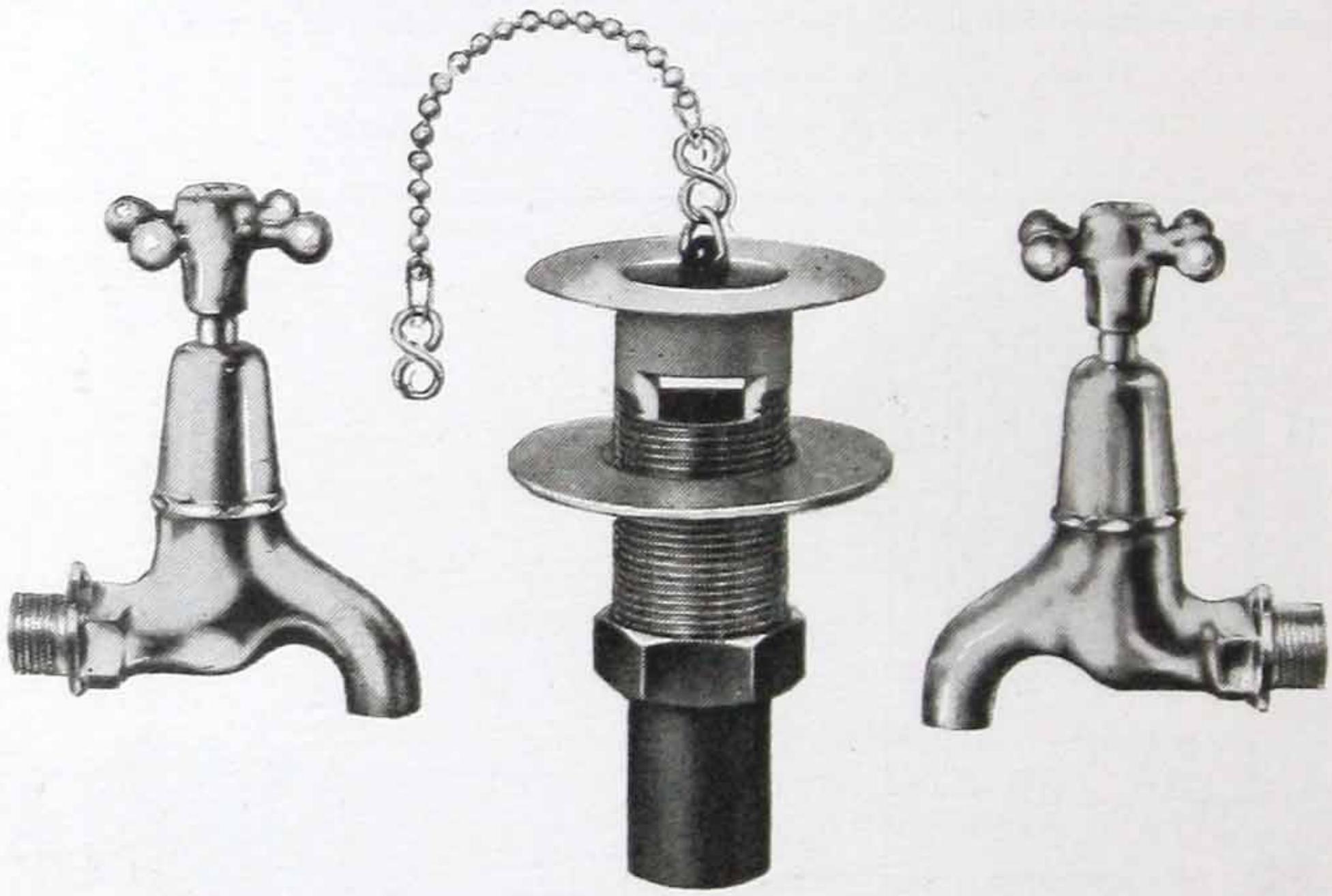


The line drawing shows the method of fixing.

Full instructions are enclosed with each set.

SINK FITTINGS

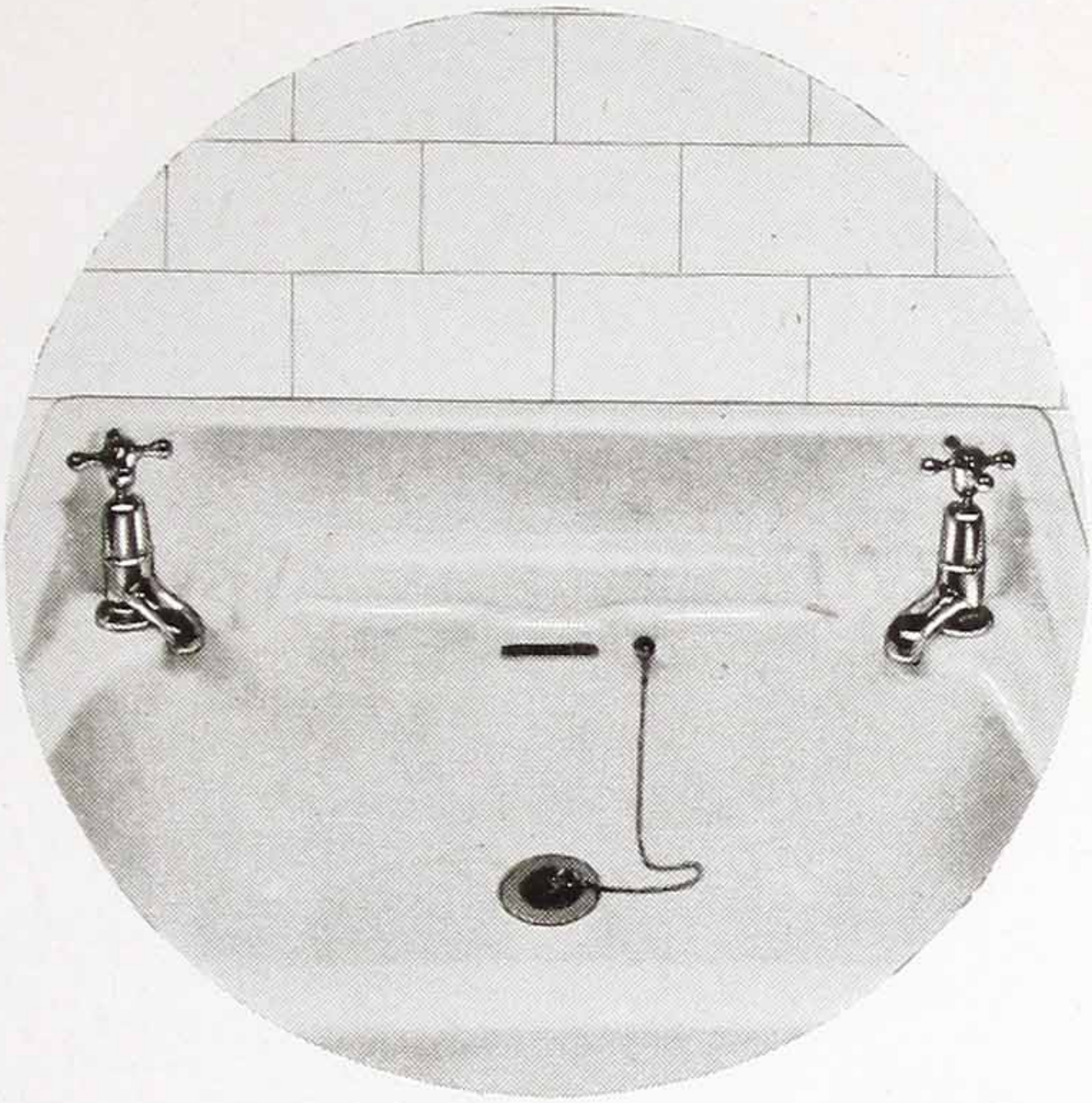
For other types of sink wastes and traps, see Page 149.



No. B 382 SET

Comprising ½ in. No. B 236 chromium-plated hot and cold BS 1010 bib taps for iron, 1¼ in. B 805 chromium-plated sink waste with union, plug, and 17 in. chain.

LAVATORY FITTINGS

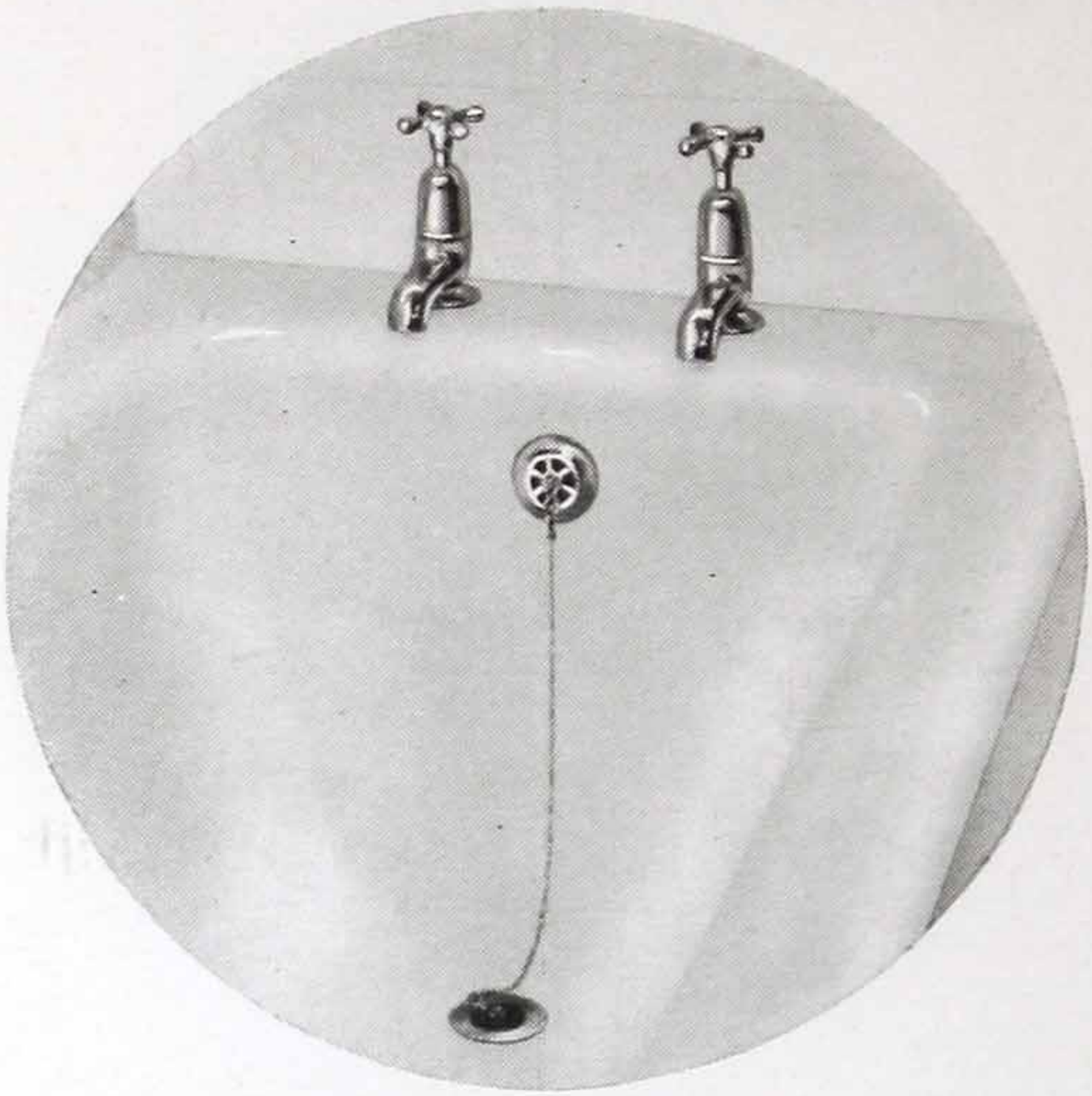


For other types of Lavatory wastes with traps, see Page 144.

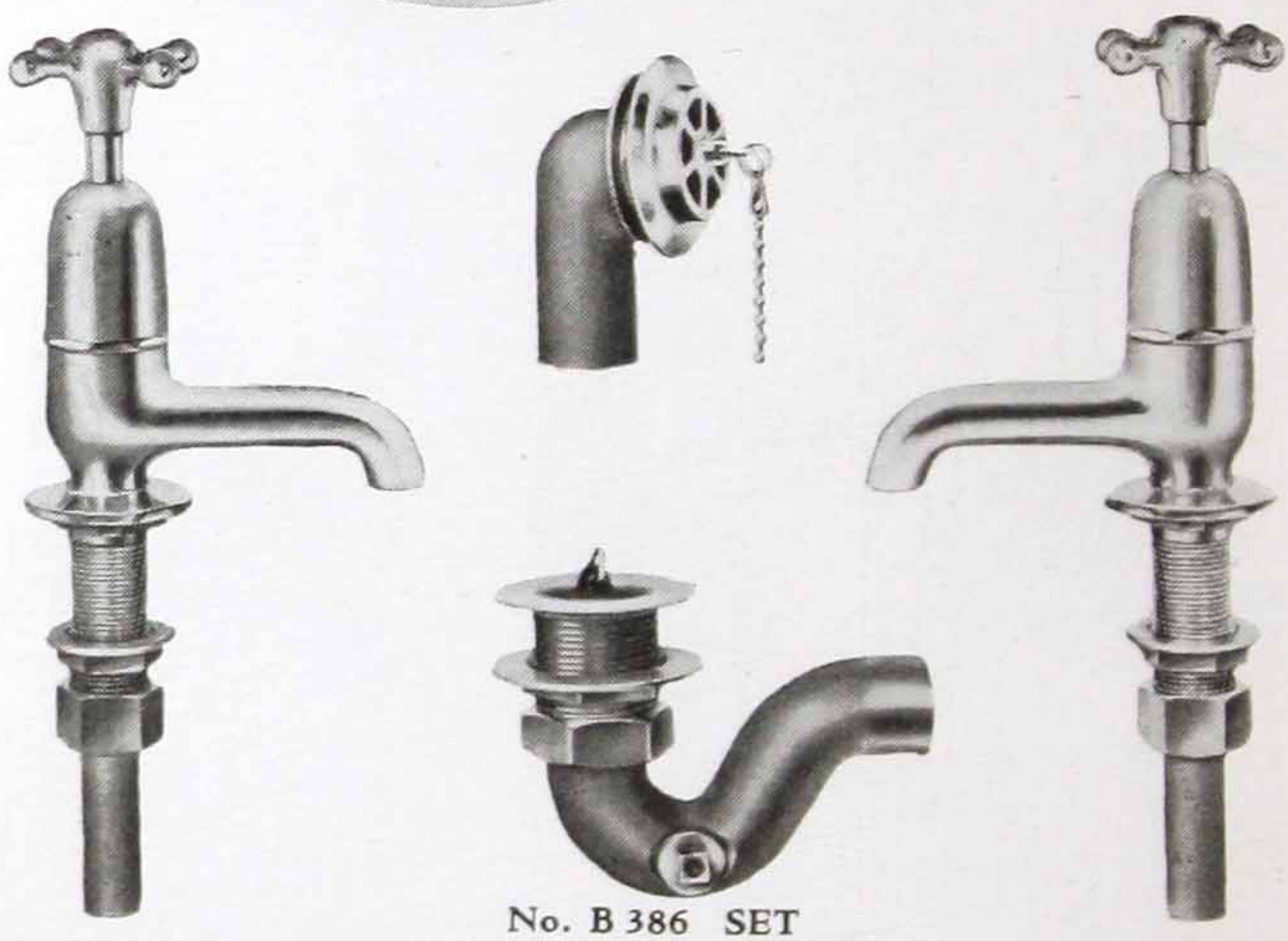
No. B 383 SET

Comprising ½ in. No. B 418 chromium-plated hot and cold BS 1010 pillar taps with backnuts and unions for lead pipe, 1¼ in. No B 761 chromium-plated lavatory waste with union, black plastic plug, chain, and stay.

PILLAR BATH FITTINGS



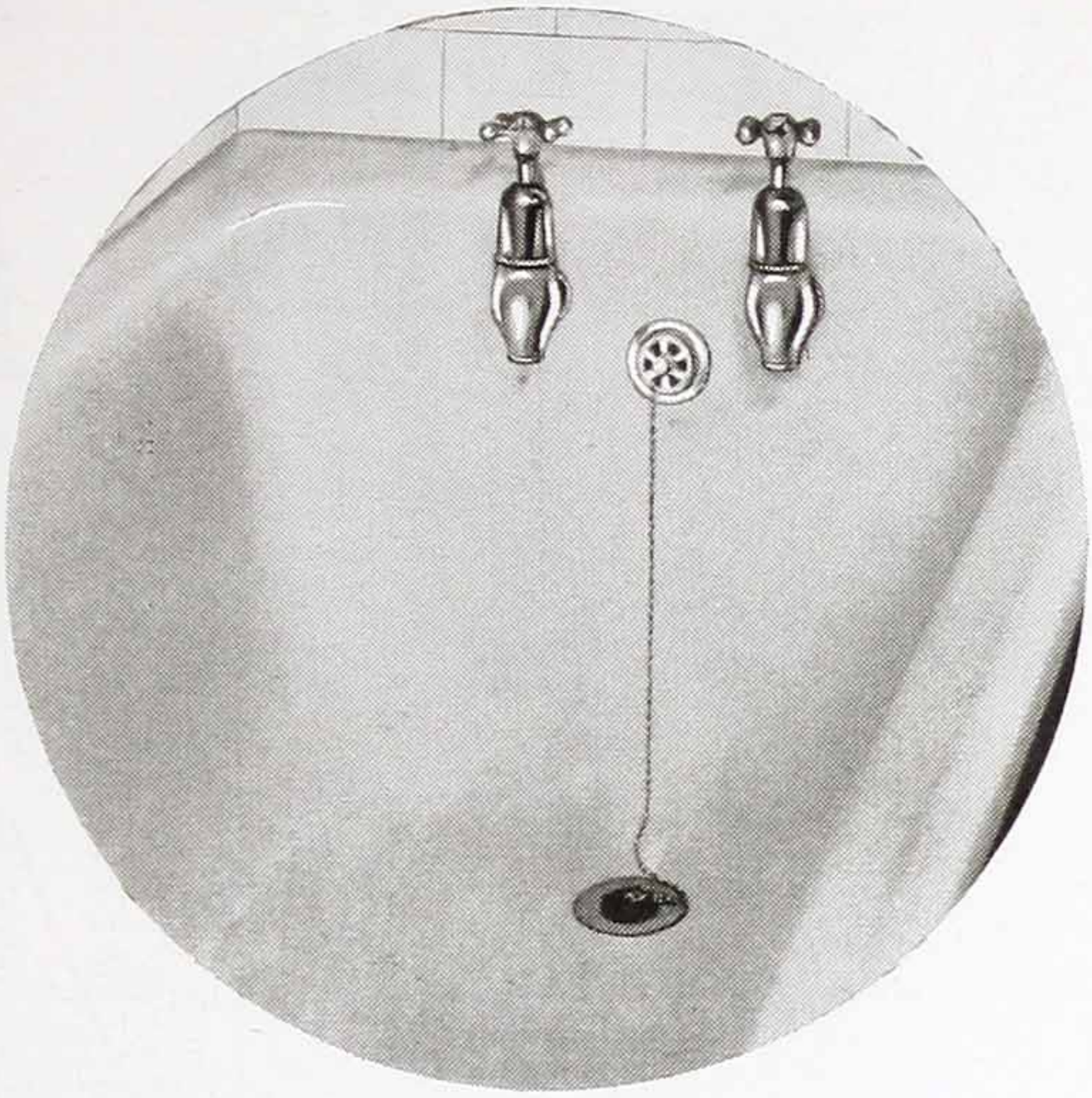
Bath wastes with various types of traps are illustrated in more detail on Page 143.



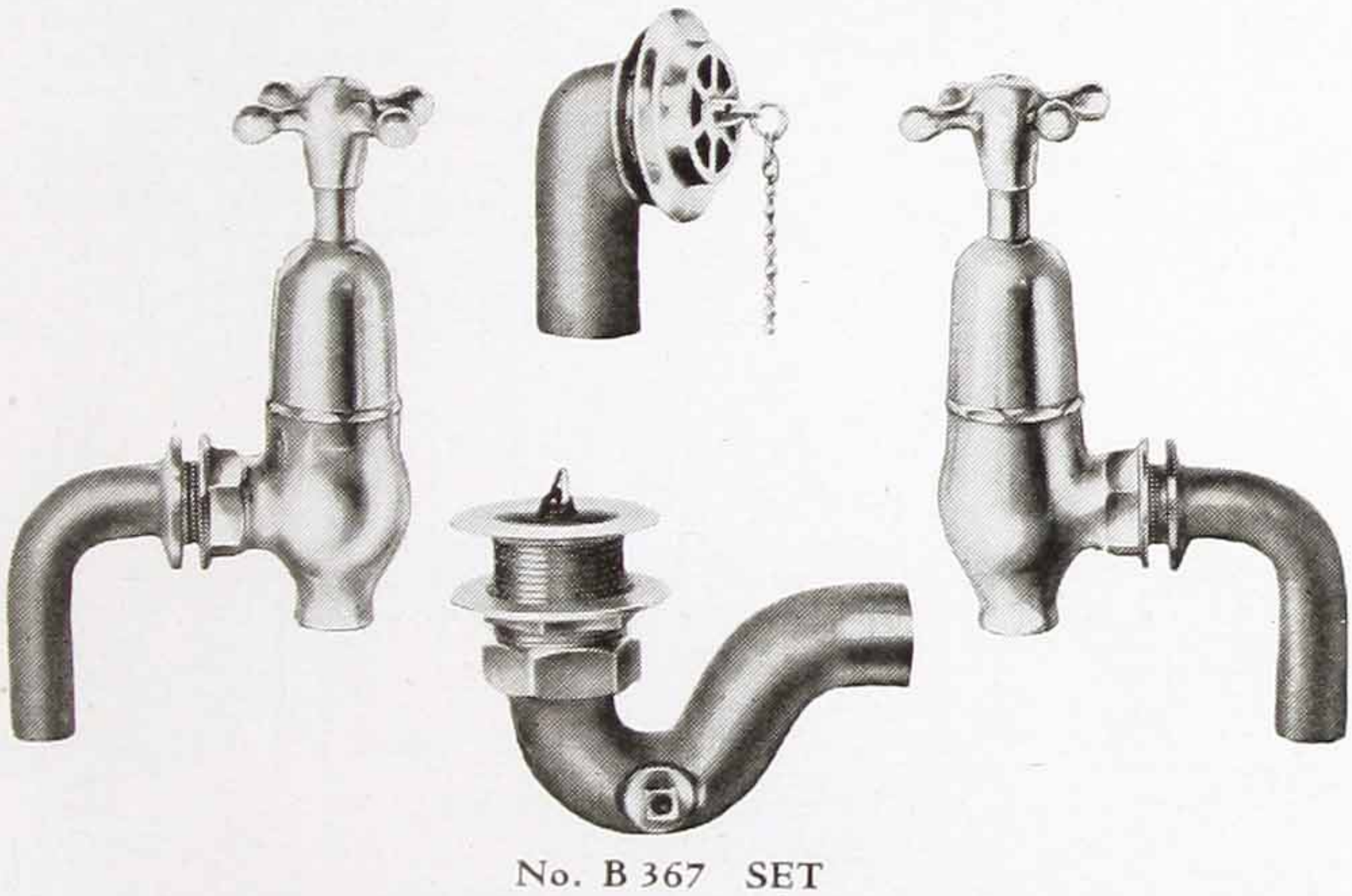
No. B 386 SET

Comprising ¾ in. No. B 454 chromium-plated hot and cold BS 1010 pillar taps with backnuts and unions for lead pipe, 1¼ in. No. B 786 chromium-plated overflow and chain, 1¼ in. No. B 783 chromium-plated bath waste with black plastic plug and trap for lead.

GLOBE BATH FITTINGS



Bath wastes with various types of traps are illustrated in more detail on Page 143.



No. B 367 SET

Comprising $\frac{3}{4}$ in. No. B 456 chromium-plated hot and cold BS 1010 globe bath taps with bent ferrules, $1\frac{1}{4}$ in. No. B 786 chromium-plated bath overflow with chain, $1\frac{1}{4}$ in. No. B 783 chromium-plated bath waste with black plastic plug and trap for lead.

BATH AND LAVATORY TAPS

No. B 418
PILLAR LAVATORY TAP
Chromium-plated with indexed capstan head, to B.S.1010 Specification, supplied either with or without cap and tail for lead ; also supplied with long thread for fireclay lavatories. *Extra.*

Size ½ in.

No. B 622
HEXAGONAL PILLAR LAVATORY TAP
Chromium-plated with indexed capstan head, to B.S.1010 Specification. Can be supplied with or without cap and tail for lead.

Size ½ in.

No. B 454
PILLAR BATH TAP
As above, but ¾ in. size.

No. B 623
HEXAGONAL PILLAR BATH TAP
As above, but ¾ in. size.

No. B 626
SELF-CLOSING PILLAR LAVATORY TAP
Non-concussive push button operation, chromium-plated finish. Supplied with or without cap and tail for lead.

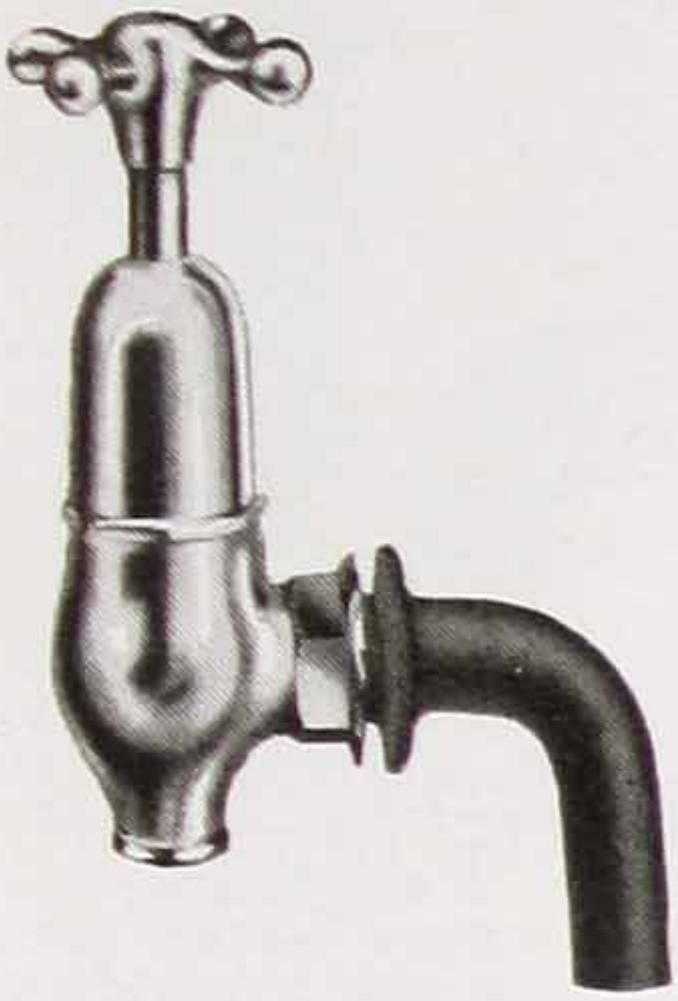
Size ½ in.

No. B 611
SELF-CLOSING PILLAR LAVATORY TAP
The famous 'G & K' non-concussive pattern with push-button operation, supplied in polished brass or chromium plated finish, with or without cap and tail for lead.

Size ½ in.

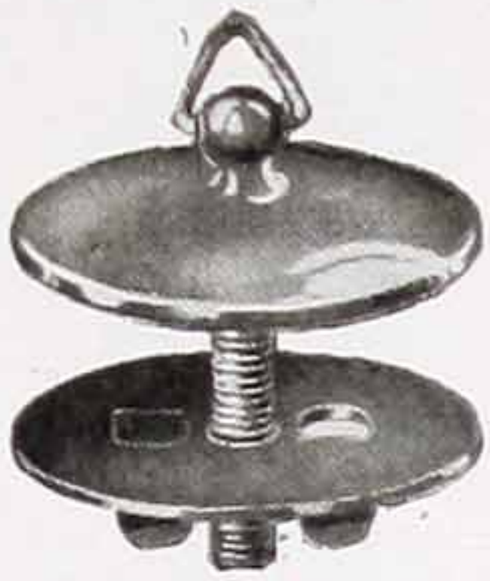
If possible please give approximate water pressure when ordering Self-closing Taps.

BATH FITTINGS



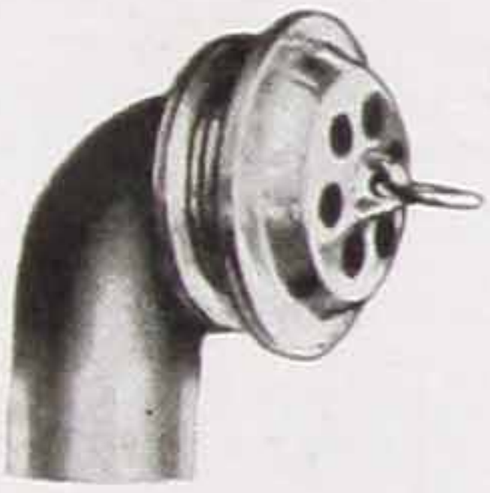
No. B 456
GLOBE BATH TAP
BS 1010 pattern with Capstan head, indexed. Tail for lead.
Size $\frac{3}{4}$ in.

No. B 847
TAPHOLE STOPPER
For baths and lavatories.
Dia. of flange, $1\frac{7}{8}$ in.

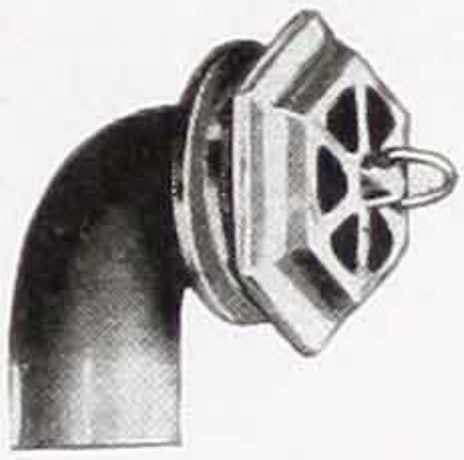


No. B 848
OVERFLOW STOPPER
For baths, with chain ring.
Dia. of flange, $2\frac{1}{2}$ in.

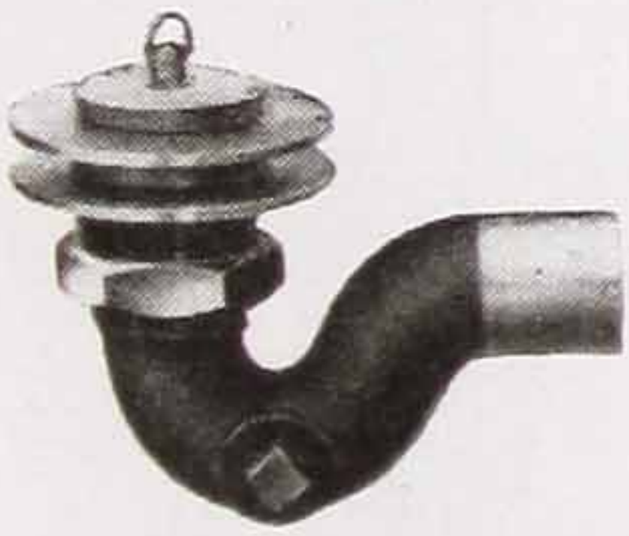
ALL FITTINGS ILLUSTRATED ON THIS PAGE ARE SUPPLIED CHROMIUM-PLATED UNLESS ORDERED OTHERWISE.



No. B 786
ROUND BATH OVERFLOW
Size : $1\frac{1}{4}$ in.

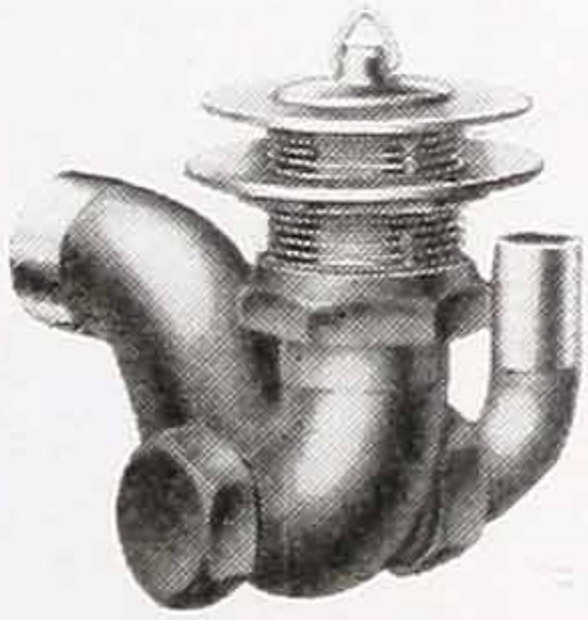


No. B 759
HEXAGONAL BATH OVERFLOW
Size : $1\frac{1}{4}$ in.



No. B 783
BATH WASTE
Black plastic plug.
Trap for lead pipe with access cap.
Sizes : $1\frac{1}{4}$ in., $1\frac{1}{2}$ in., 2 in.

No. B 781
BATH WASTE
Black plastic plug.
Bent union for lead pipe.
Sizes : $1\frac{1}{4}$ in., $1\frac{1}{2}$ in.



No. B 799
BATH WASTE
Black plastic plug.
Brass trap and access cap.
Bent overflow union at side.
(Cap and union interchangeable.)
Sizes : $1\frac{1}{4}$ in., $1\frac{1}{2}$ in., 2 in.

LAVATORY WASTES

No. B 760

LAVATORY WASTE

With backnut and straight union.
No overflow slot.
Black plastic plug.

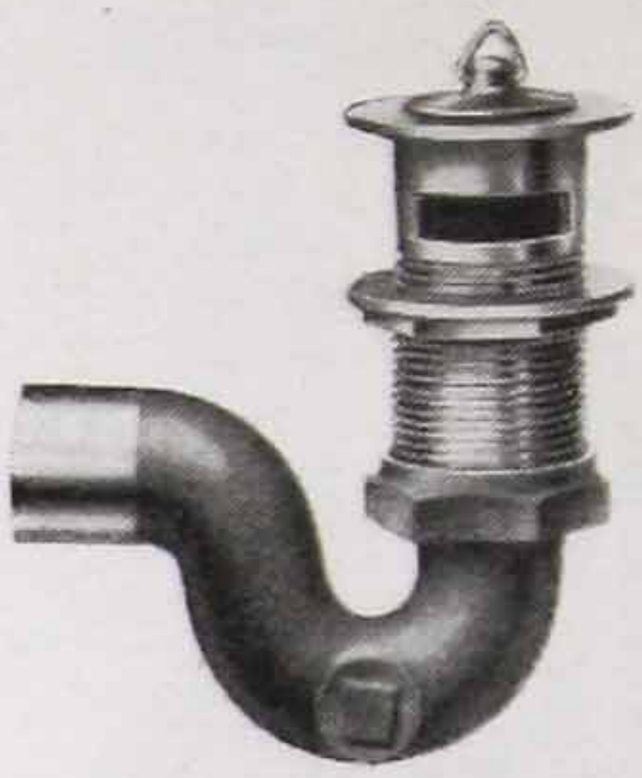
Sizes : 1, 1¼ in.

No. B 761

LAVATORY WASTE

With backnut and straight union, and overflow slot.
Black plastic plug.

Sizes : 1, 1¼ in.



No. B 774
TRAPPED LAVATORY WASTE

With or without overflow slot.
Black plastic plug.
Rough brass P trap with access cap

No. B 775
LAVATORY WASTE

As above, but with S trap.
Size : 1¼ in.

All Lavatory Wastes are supplied with 2 7/16 in. Flange and are sent out chromium-plated unless ordered otherwise.

No. B 826

DRAWN COPPER TRAP

Swivel Type

P or S with outlet for lead or copper, 3 in. seal.

Sizes : 1¼ in., 1½ in.

Supplied in unpolished copper unless otherwise specified.

No. B 827
LAVATORY WASTE

With chromium-plated bottle trap and detachable Black Polythene acid-resisting base ; outlet for copper, or can be supplied with tail for lead.

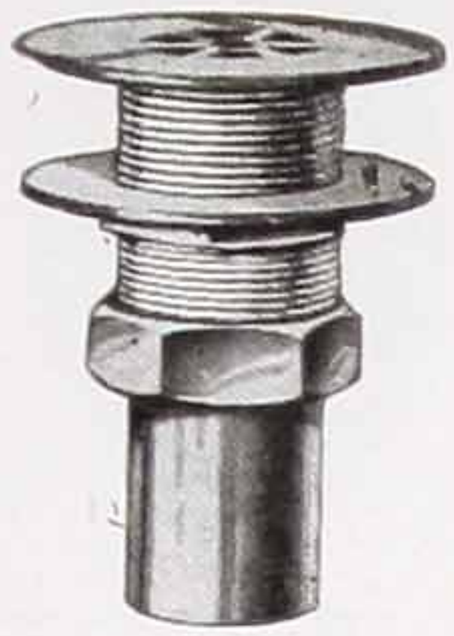
Size : 1¼ in., 1½ in. seal.

BAXENDALE & CO. LTD.

SINK AND TUB WASTES

No. B 804
SINK WASTE
With backnut and straight union.
No overflow slot.
Black plastic plug.
Sizes : 1¼ in., 1½ in., 2 in.

No. B 805
SINK WASTE
With back nut and straight union.
With overflow slot.
Black plastic plug.
Sizes : 1¼ in., 1½ in., 2 in.



No. B 955
SINK WASTE
With flush grating.
With backnut and straight union.
Sizes : 1½ in., 2 in.

No. B 809
SINK WASTE
Stamped brass type with centre screw.
Size 2 in.

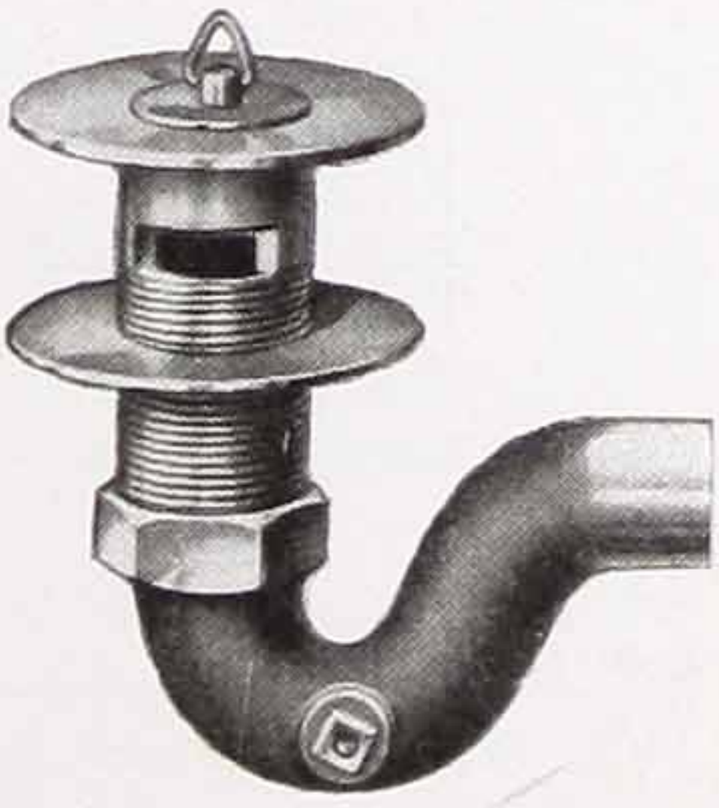
No. B 772
BLACK PLASTIC PLUG
Sizes : 1 in. to 2½ in.

No. B 773
RUBBER PLUG
Sizes : 1 in. to 2½ in.

No. B 810
TUB PLUG AND SOCKET
For wash tubs.
With backnut.
Size 2 in.

No. B 778
TRAPPED SINK WASTE
With or without overflow slot.
Black plastic plug.
Rough brass S trap with access cap.
Sizes : 1¼ in., 1½ in., 2 in.

All sink wastes stocked with 3⅜-in. flange, but any other size will be supplied specially.



No. B 779
TRAPPED SINK WASTE
With or without overflow slot.
Black plastic plug.
Rough brass P trap with access cap.
Sizes : 1¼ in., 1½ in., 2 in.

All above supplied with Chromium-Plated Flanges unless ordered otherwise.

LIVERPOOL · EDINBURGH · DUBLIN

No. B 879

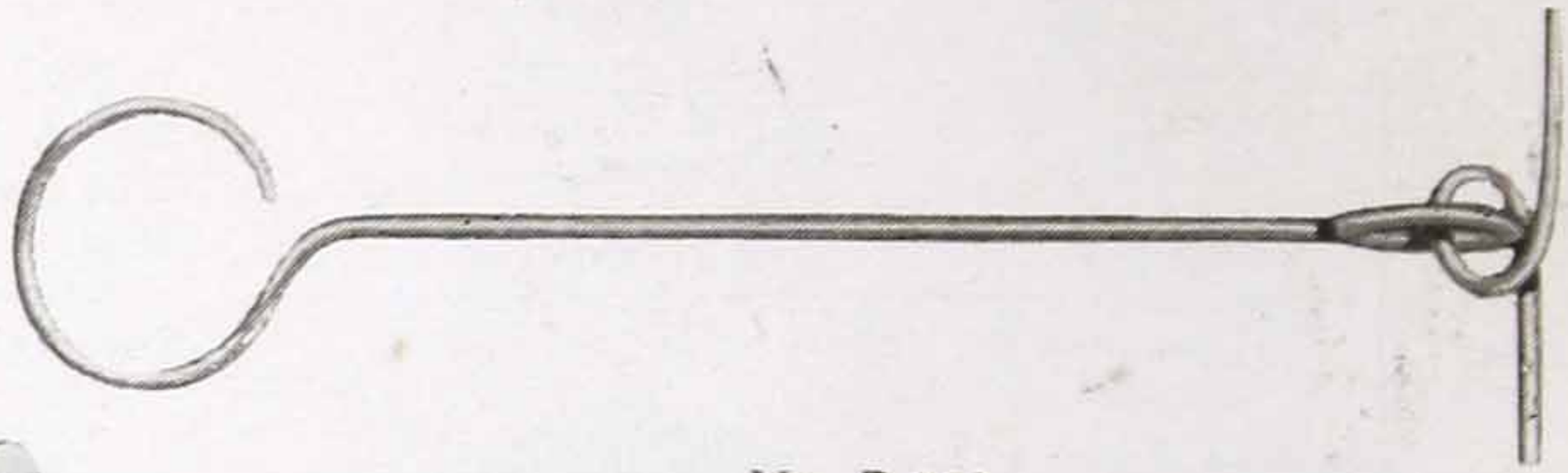
COLEMAN'S CONNECTION FOR CYLINDERS, TANKS, CISTERNS, Etc.

The fitting is inserted through an oval hole, which can be easily cut with a "Curvicut" Hack Saw.

Curved for cylinders. Flat for tanks. Screwed female. Galvanized or Brass.

These connections are sent out complete with Template and Rubber Washer, also full instructions for fixing.

Sizes: ½, ¾, 1, 1¼, 1½, 2, 2¼, 2½ in.



No. B 812

THE ESSEX CONNECTION FOR CYLINDERS, STORAGE TANKS, etc.

The only preparation necessary to fit the "Essex" flange is to drill or cut one round hole to the required size. The flange is fitted entirely from the outside of the cylinder or tank and each set includes a special tool, as illustrated. The "Essex" flange has a brass body and nut and brass and rubber washers.

Fig. E1 for flat surfaces, screwed ½, ¾, 1, 1¼, 1½, 2, 2¼ in.
Fig. E2 for curved surfaces, screwed 1½, 2, 2¼ in.
Fig. E3 for inclined surfaces, screwed 2, 2¼ in.

No. B 881

No. B 882

No. B 883

No. B 887

No. B 891

No. B 890

BRASS FERRULES, Etc.

	Size	½ in.	¾ in.	1 in.	1¼ in.	1½ in.	2 in.
B 881. Single Nut Tank Ferrule ...	...	*	*	*	–	–	–
B 882. Double ,, ,, ...	...	*	*	*	*	*	*
B 883. As B 881 with 1½ in. thread ...	...	*	*	*	*	*	*
B 887. Bent Single Nut Ferrule	...	*	*	*	–	–	–
B 888. ,, ,, ,, Long Thread ...	...	*	*	*	–	–	–
B 890. Straight Cap and Lining	...	*	*	*	*	*	*
B 891. Bent ,, ,, ,, ...	...	*	*	*	*	*	*

N.B. Sizes available are denoted with an asterisk

No. B 841
ROUND BOSS

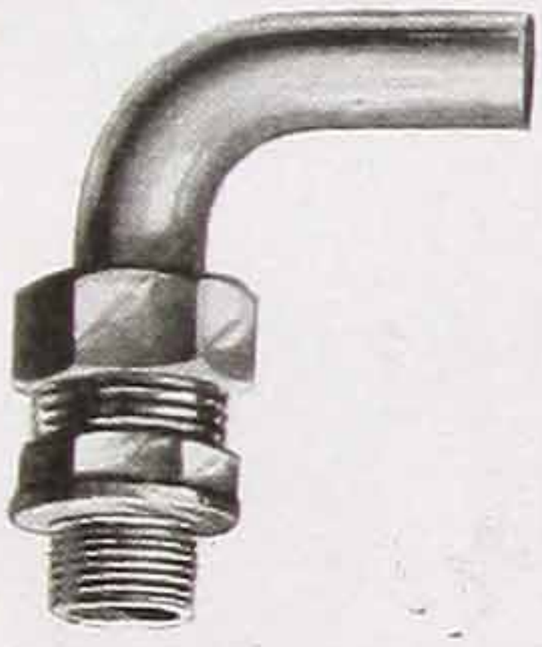
No. B 857
TRAP SCREW

B 841. Round boss to BSS. 1010, brass or chromium-plated, sizes : ½, ¾, 1 in.
B 857. Trap screw, brass, sizes : 1, 1¼, 1½, 2, 2½, 3 in.

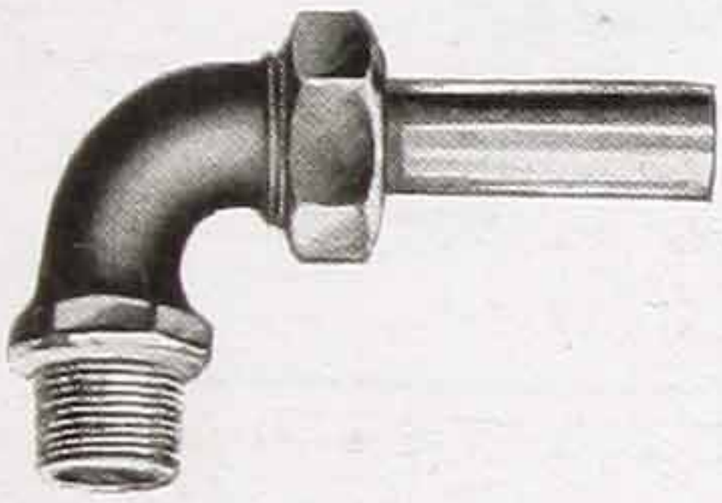
No. B 865
STRAIGHT
BOILER
UNION
Hot-pressed
Light Pattern.
Male Iron to
Lead.
All sizes :
½ in. to 2 in.

No. B 867
STRAIGHT
BOILER
UNION
Cast Brass.
Heavy Pattern.
Male Iron to
Lead.
All sizes :
½ in. to 2 in.

No. B 866 STRAIGHT BOILER UNION
Hot-pressed
Medium Pattern.
Male Iron to Lead.
Sizes : ½ in., ¾ in., 1 in.



No. B. 874
BENT BOILER
UNION
Hot-pressed
Medium Pattern.
Sizes : ½ in., ¾ in., 1 in.



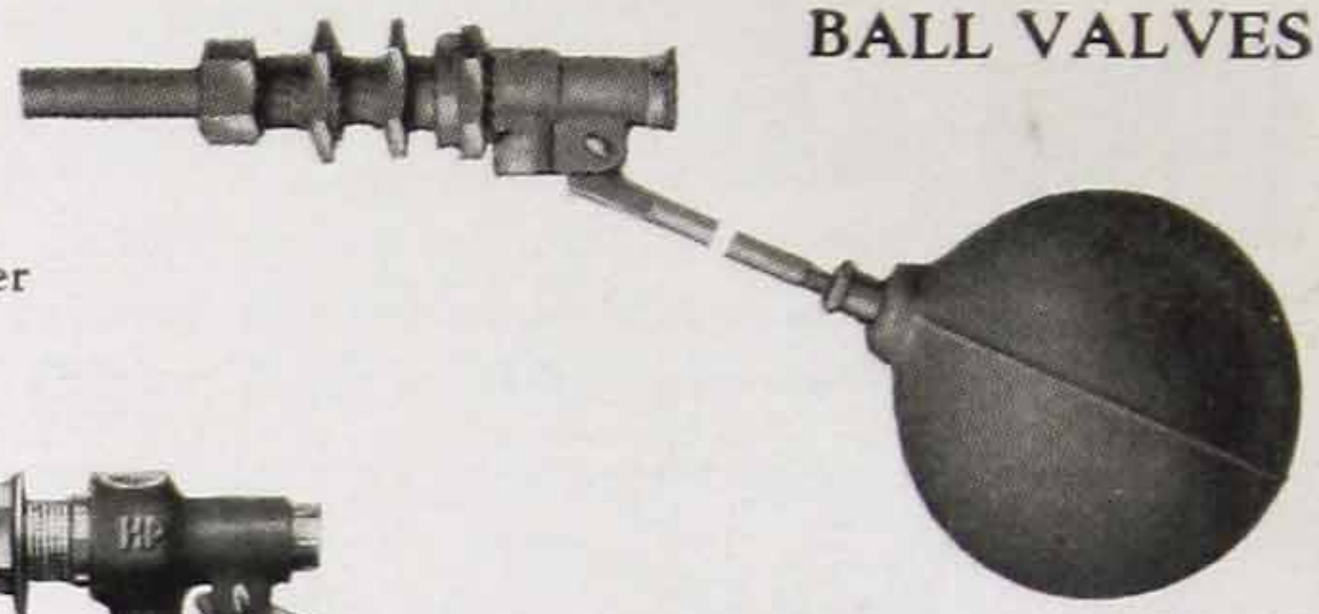
No. B 875
ELBOW MAIN
FERRULE
Cast Brass.
Heavy Pattern.
Male Iron and union
for lead pipe.
All sizes : ½ in. to 1½ in.

No. B 872
PLUMBERS'
UNION
Strong Pattern.
Lead to lead.
All sizes : ½ in. to 2 in.

No. B 953. LENGTHENING SOCKET
Brass or chromium-plated, with male and female ends for iron.

½ in. × 1 in. long	¾ in. × 1 in. long
½ in. × 1½ in. ,,	¾ in. × 1½ in. ,,
½ in. × 2 in. ,,	¾ in. × 2 in. ,,
½ in. × 3 in. ,,	¾ in. × 3 in. ,,

BALL VALVES



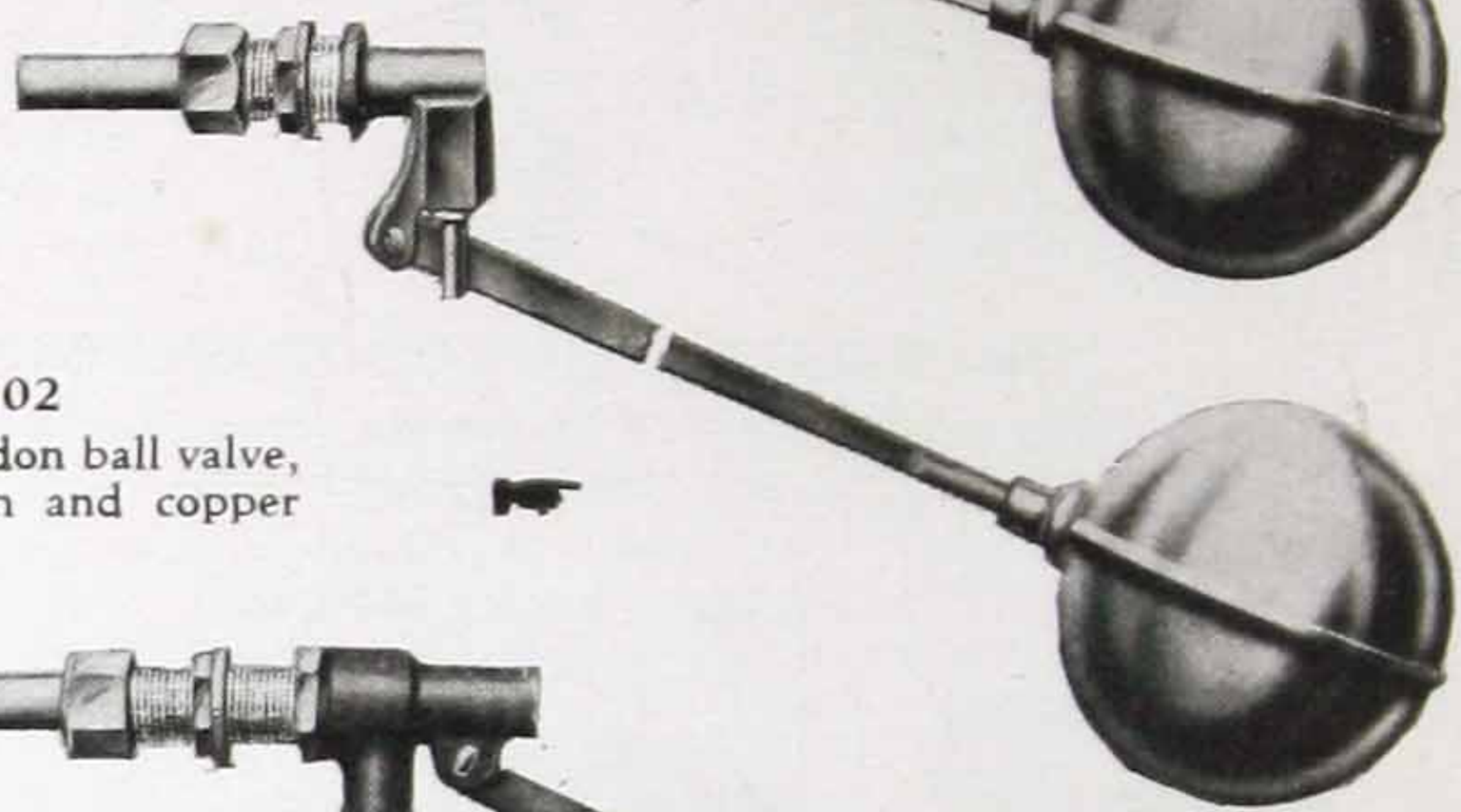
No. B 907

High Pressure BS1212 Ball Valve

with backnut, union, and copper ball.

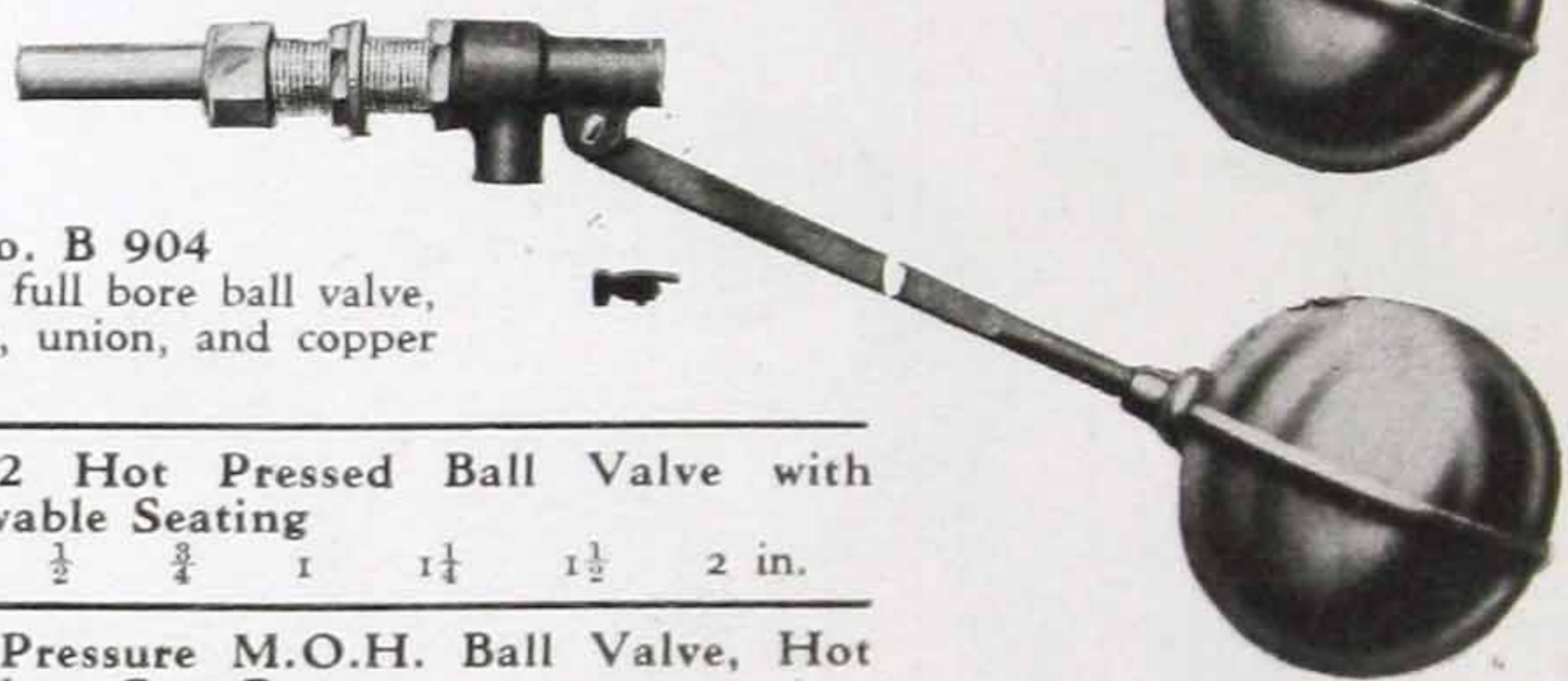
No. B 906

High-pressure M.O.H. ball valve, with backnut, union, and copper ball.



No. B 902

High-pressure Croydon ball valve, with backnut, union and copper ball.



No. B 904

Low-pressure full bore ball valve, with backnut, union, and copper ball.

B907 BS1212 Hot Pressed Ball Valve with Renewable Seating

Sizes $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ 2 in.

B906 High Pressure M.O.H. Ball Valve, Hot Pressed or Cast Brass

Sizes $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ in.

B 902

High Pressure 'Croydon' Ball Valve

Sizes $\frac{1}{2}$ $\frac{3}{4}$ 1 in.

$\frac{1}{2}$ in. size Hot Pressed, Larger Sizes Cast Brass.

B904

Low Pressure 'Portsmouth' Ball Valve

Sizes $\frac{1}{2}$ $\frac{3}{4}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ 2 in.

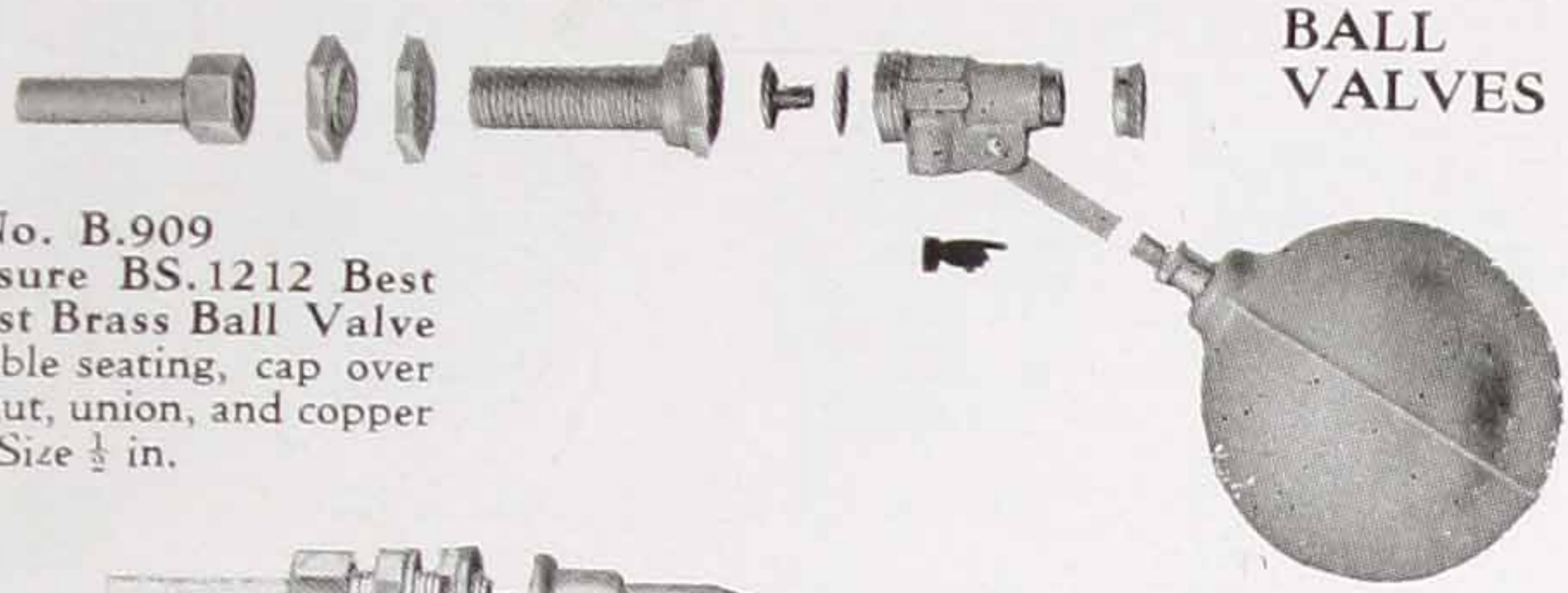
$\frac{1}{2}$ in. and $\frac{3}{4}$ in. sizes Hot Pressed. Larger sizes cast brass.

SIZES OF COPPER BALLS REQUIRED FOR BALL VALVES

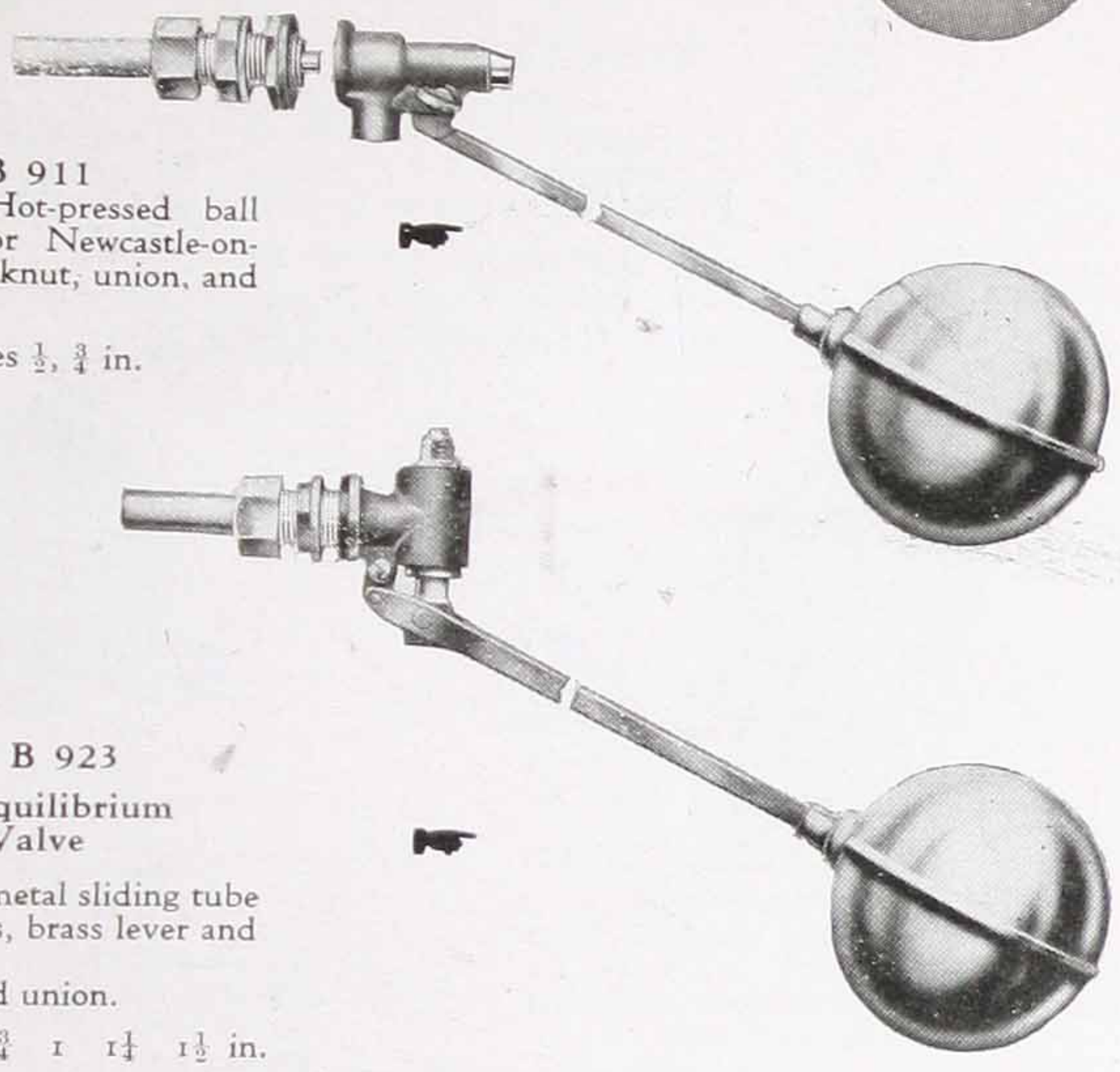
Size of ball valve	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2 in.
Diameter of Copper Ball— BS. 1212 ball valves... ...	$4\frac{1}{2}$	$4\frac{1}{2}$	6	8	10	10	12 in.
M.o.H. and other types ...	$4\frac{1}{2}$	$4\frac{1}{2}$	6	$6\frac{1}{2}$	8	10	12 in.

Most ball valves can be supplied with a silence tube fitted in the outlet for a small extra charge.

BALL VALVES



No. B.909
High Pressure BS.1212 Best Quality Cast Brass Ball Valve with detachable seating, cap over piston, backnut, union, and copper ball. Size ½ in.



No. B 911
High-pressure Hot-pressed ball valve suitable for Newcastle-on-Tyne. With backnut, union, and copper ball.

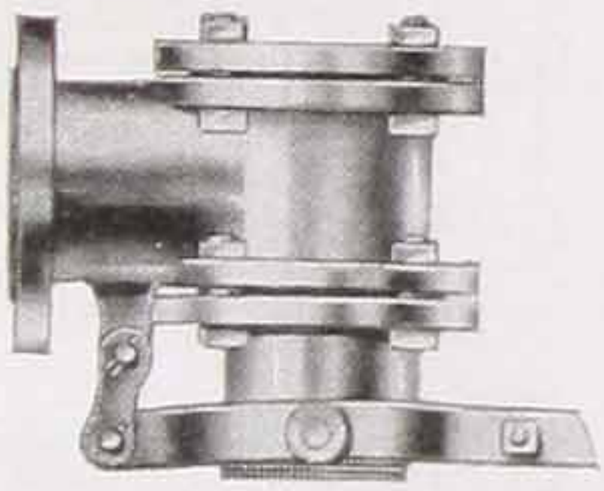
Sizes ½, ¾ in.

No. B 923
Fullway Equilibrium Ball Valve

Brass-body, gun metal sliding tube and working parts, brass lever and copper ball.
With backnut and union.

Sizes ½ ¾ 1 1¼ 1½ in.

Can be supplied in 2 in. size also with wrought iron lever.



No. B 925
FULLWAY EQUILIBRIUM FLOAT VALVE

Cast-iron body, brass sliding tube and working parts, wrought-iron lever and copper float. (3-in. size and over tinned.) Flanged inlet B.S.T.I. Machined across and drilled.

Sizes 2 2½ 3 4 5 6 in.

Can be supplied with a flange bolted on and screwed female for iron pipe. (Extra)

COPPER BALLS AND FLOATS, ETC.

No. B 930

No. B 931

No. B 932

No. B 933

COPPER BALLS AND FLOATS

COPPER BALLS

No. B 930	Soldered	All sizes 4 in. to 12 in. dia.
	Solderless	All sizes 4 in. to 6 in. dia.
	Brazed	All sizes 4 in. to 6 in. dia.

No. B 931 Flat Topped Copper Float with top nib, $4\frac{1}{2}$ in.
No. B 932 Flat Topped Copper Float with side nib, $4\frac{1}{2}$ in.
No. B 933 Domed Top Copper Float with side nib, $4\frac{1}{2}$ in.

No. B 957
A.B.M. POLYTHENE FLOAT
Seamless Blown Pattern
With fully threaded internal brass boss ; equal capacity to a $4\frac{1}{2}$ in. spherical ball but of less diameter ; complies with BSS.2456.

No. B 958
ONAZOTE EXPANDED RUBBER FLOAT
With brass threaded boss ; unsinkable owing to its cellular structure.
Sizes : $4\frac{1}{2}$ in. and 5 in.

No. B 934. BRASS BALL TAP LUG
For converting ball taps to suit wood cisterns.
Sizes : $\frac{3}{8}$ in., $\frac{1}{2}$ in.

No. B 954. COPPER PIPE FLAP
Hinged
Sizes : $\frac{3}{4}$ in., 1 in., $1\frac{1}{4}$ in., $1\frac{1}{2}$ in., 2 in.

No. B 853. ANTI-SPLASH TAP FILTER
Stamped pattern with clip.
Brass or Chromium-Plated.
Sizes : $\frac{1}{2}$ in. and $\frac{3}{4}$ in.

B 995

B 996

B 997

B 998

CHAINS, CHAIN STAYS

Brass or Chromium-plated

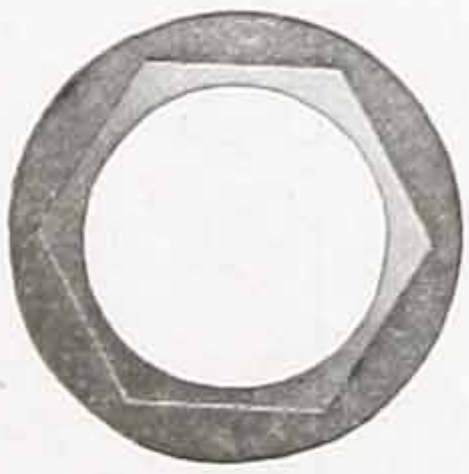
B 995. **Lavatory chain** and stay.
B 996. **Sink chain,** 20 in. long, with wood screw.
B 997. **Bath chain,** 20 in. long, with stud and nut.
B 998. **Bath chain,** 20 in. long.
B 998. **Bath chain,** 18 in. long.

No. B 825
TAP LEVER
Malleable Cast-iron
$\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2 in.

No. B 850
STOP TAP KEY
One piece, wrought iron.
24, 30, 36 in. long

No. B 835
ELBOW BACK PLATE
With plain tail.

No. B 836
ELBOW BACK PLATE
With Union tail.



No. B 846
BACK NUT

B 835. **Back Plate.** Polished Brass or Chromium-plated. Sizes : $\frac{1}{2}$ in., $\frac{3}{4}$ in.
B 836. **Back Plate.** Polished Brass or Chromium-plated. Sizes : $\frac{1}{2}$ in., $\frac{3}{4}$ in.
B 846. **Back Nut.** Brass. Sizes : $\frac{1}{2}$ in., $\frac{3}{4}$ in., 1 in., $1\frac{1}{4}$ in., $1\frac{1}{2}$ in., 2 in.

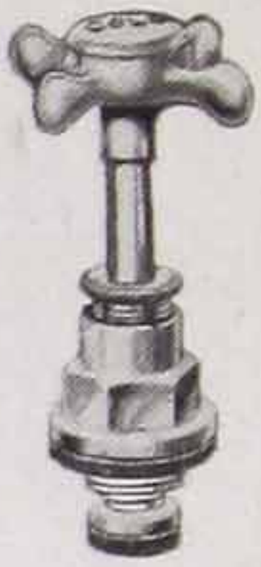
TAP TOP PARTS AND VALVES

No. B 830

No. B 832

No. B 833

No. B 829


No. B 831

B 830 Brass tee top, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 in.
B 831 Brass capstan head top, $\frac{1}{2}$, $\frac{3}{4}$ in.
B 832 Valve with leather washer, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 in.
B 833 Valve with fibre washer, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 in.
B 829 " Holdtite " Valve with rubber washer, $\frac{1}{2}$, $\frac{3}{4}$ in.

TAP WASHERS, ETC.

No. B 837

No. B 838

No. B 839

No. B 840

B 837 Washers for tap valves, leather or fibre, $\frac{3}{8}$ to 2 in.
B 838 Body washers for taps, leather or fibre, $\frac{3}{8}$ to 2 in.
B 839 Washers for caps and linings, leather, $\frac{3}{8}$ to 2 in.
B 840 Ball valve washers, rubber, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 in.
B 956 Washers for tap valves, " Vacca " moulded type, $\frac{1}{2}$, $\frac{3}{4}$, 1 in.

W.C. CONES

No. B 815

No. B 6320

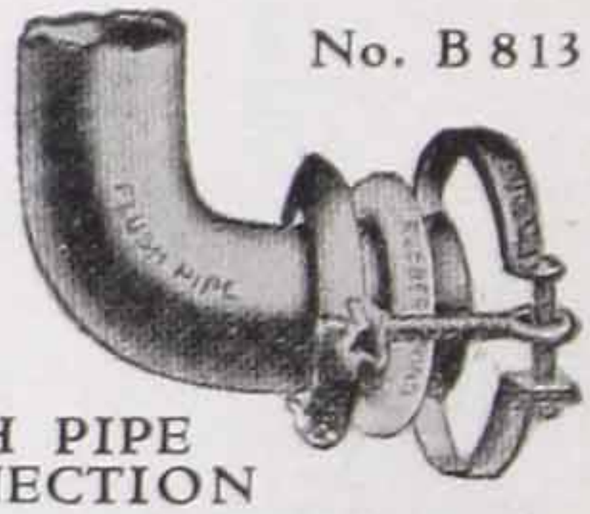
No. B 6321

No. B 817

B 815 Stockinette and rubber cone, plain bulged shape, sizes $1\frac{1}{4} \times 2\frac{1}{2}$, $1\frac{1}{4} \times 2\frac{3}{4}$, $1\frac{1}{4} \times 3$, $1\frac{1}{2} \times 2\frac{1}{2}$, $1\frac{1}{2} \times 2\frac{3}{4}$, $1\frac{1}{2} \times 3$ in.
B 817 Canvas covered indiarubber cone, corrugated shape, sizes $1\frac{1}{4} \times 2\frac{1}{2}$, $1\frac{1}{4} \times 2\frac{3}{4}$, $1\frac{1}{2} \times 2\frac{1}{2}$, $1\frac{1}{2} \times 2\frac{3}{4}$ in.
B 6320 Polythene plain moulded cone, size $1\frac{1}{4} \times 2\frac{1}{2}$ in.
B 6321 Heavy moulded rubber cone, plain single beaded type, sizes $1\frac{1}{4} \times 2\frac{1}{4}$, $1\frac{1}{4} \times 2\frac{1}{2}$, $1\frac{1}{4} \times 2\frac{3}{4}$, $1\frac{1}{2} \times 2\frac{1}{2}$, $1\frac{1}{2} \times 2\frac{3}{4}$ in.

No. B 814
SUNFLOWER COPPER CONE

Made in two sizes : one for ordinary W.C. nozzles and one for extra large nozzles.
For $1\frac{1}{4}$ in. or $1\frac{1}{2}$ in. flush pipes
Diam. of cone leaves, $4\frac{3}{4}$ in.
or
Diam. of cone leaves, 6 in.


No. B 813

FLUSH PIPE CONNECTION

Zinc Plated Steel. With Rubber Ring.
Also supplied Chromium-plated.

PHILPLUG COLD CAULKING COMPOUND

Supplied in three forms, PC3 being a loose fibre, PC4 is in cored form, and PC4(T) is in cored form for joints less than ¼ in. width.

This preparation consists of asbestos and cementacious materials specially produced for jointing all types of spigot and socket pipes, the caulking of grooves in cast-iron and concrete tunnel segments and for the fixing of balustrades and hand rails.

One ton of Philplug CCC will caulk as many joints as 6 tons of lead. No heat is required, and also the application of Philplug CCC is not affected by adverse weather conditions, which represents a valuable saving in time and money.

Normally stocked in 7 lb. tins ; Special Prices will be quoted for 1 cwt. and 1 ton lots.

BAKER'S SOLDERING FLUID

The ideal preparation for a quick clean job.

Sizes :

2½, 8, 12, 32 fluid ounces ;

and ½, 1 gallon.

FLUXITE SOLDERING PASTE

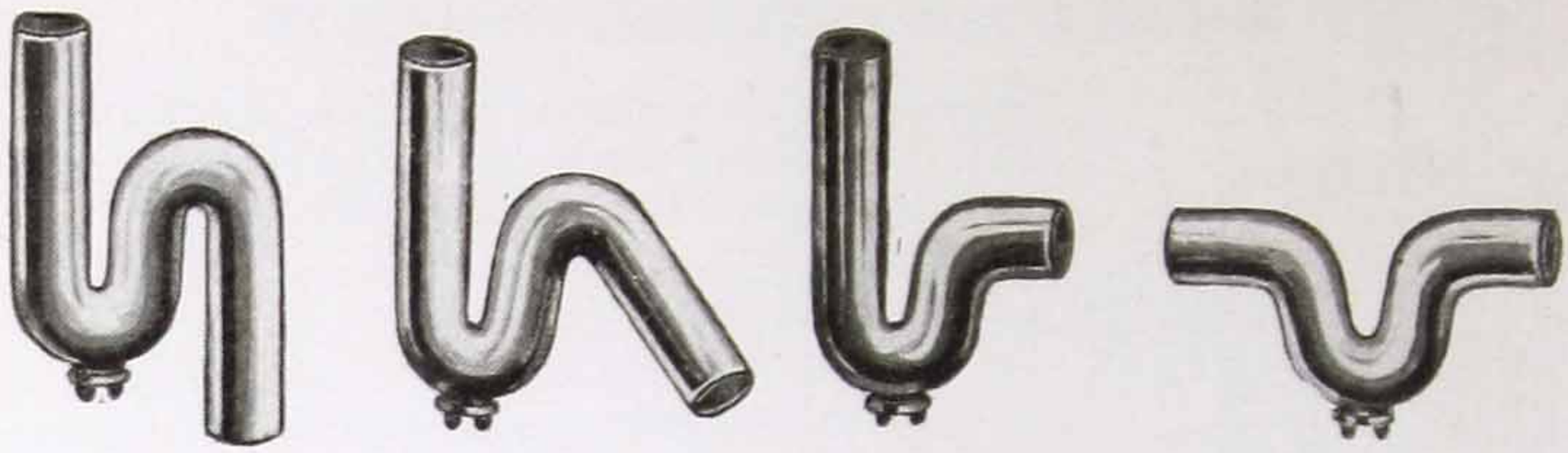
For all metals (except aluminium) and for jointing lead without solder.

Sizes :

Sizes		Approx. weight
Junior tins	...	1 oz.
Small ,,	...	2 ,,
Medium ,,	...	6 ,,
Large ,,	...	16 ,,
7 lb. ,,	...	—

FLUXITE GUN for use with the above (extra).

Can also be used for hardening tools and case hardening—leaflet on request.



No. 1
S Trap

No. 2
¾ S Trap

No. 3
P Trap

No. 4
Bath or Running Trap

HYDRAULIC DRAWN LEAD TRAPS

With standard outlets and access caps.

Standard Sizes

Bore	Poundage of Lead
*1¼ in. 1⅜ in. 1½ in. 2 in.	4, 5, 6, 7, 8 lbs.

N.B.— * The 1¼ in. size traps are also supplied in 4½ lbs. lead.
Special traps with long outlets or inlets can be supplied at an extra charge.

No. 1
S Trap

No. 2
¾ S Trap

No. 3
P Trap

HYDRAULIC DRAWN LEAD ANTI-SIPHON TRAPS

Fitted with access cap, and with 3-in. diameter anti-siphon air chamber burned in.

These traps are used in conjunction with sanitary installations in modern flats and hotels. There are no by-pass pipes to choke up. The air chambers are of the same substance as the body of the trap. Extra access caps can be supplied when required.

All the traps have a deep water seal—about 4 in.

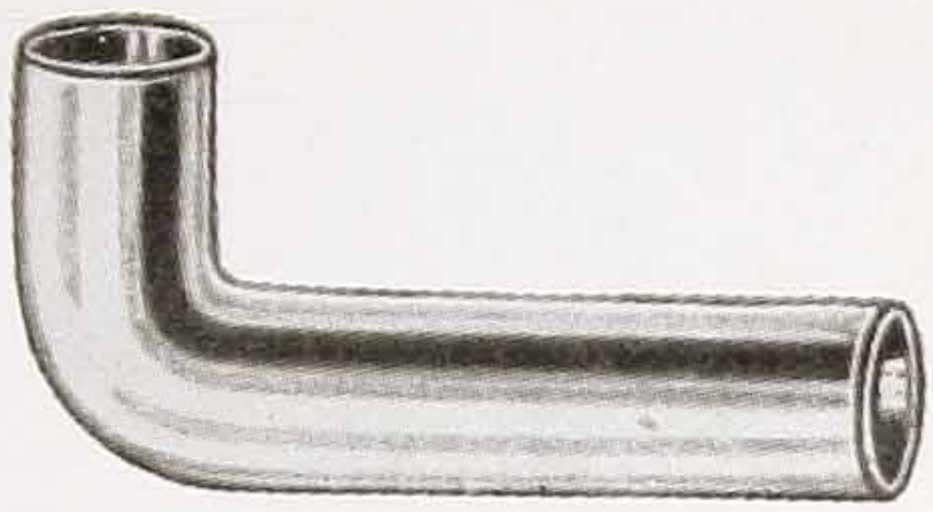
Long inlets, outlets, or both can be supplied (*Extra*).

Standard Sizes

Bore	Poundage of Lead
1¼ in. 1½ in. 2 in.	5, 6, 7, 8, 9, 10 lbs.

HYDRAULIC DRAWN
LEAD BENDS

Standard Angles 95°



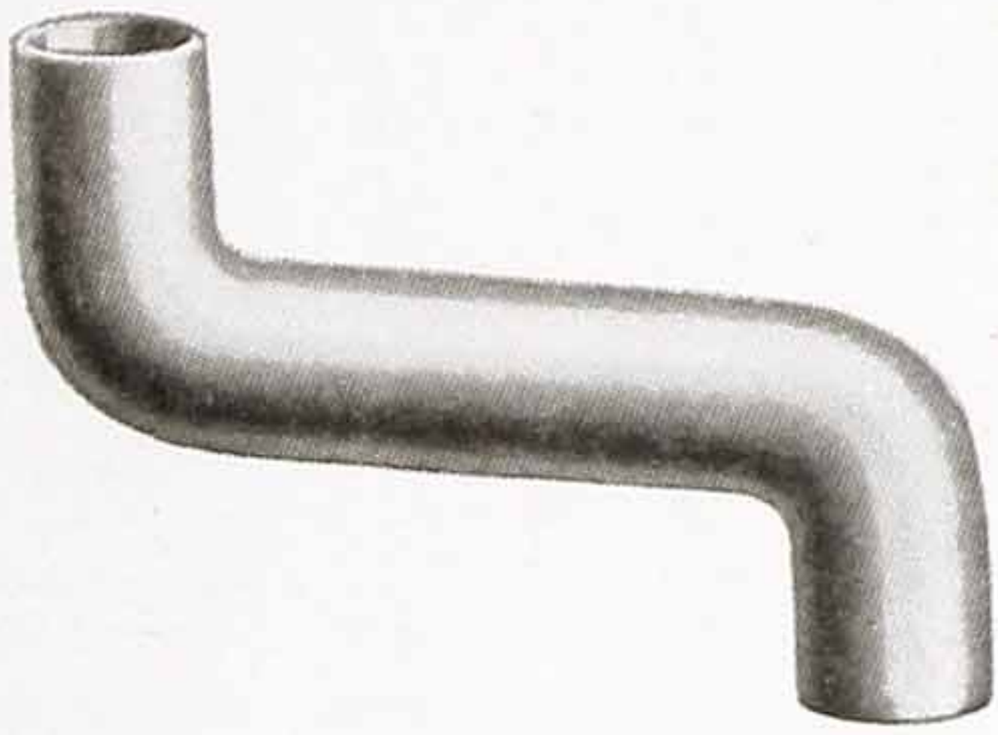
Standard Sizes

8 × 12	8 × 18	8 × 21	8 × 24	9 × 18	9 × 36	9 × 40 in.
12 × 12	12 × 18	12 × 24	12 × 30	15 × 18	18 × 18	24 × 18 in.

Bore	*Poundage of Lead*
2½ in. 3 in. 3½ in. 4 in.	5, 6, 7, 8, 10 lbs.

HYDRAULIC DRAWN
LEAD OFFSETS

Standard measurements of
Down pipes, 6 in.

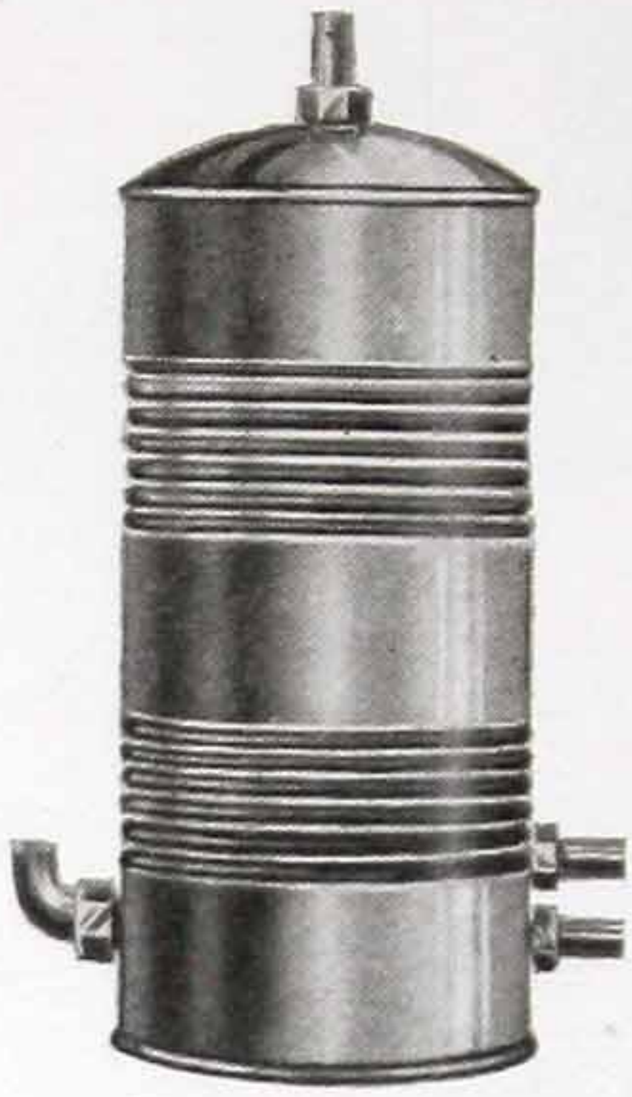


Standard Sizes

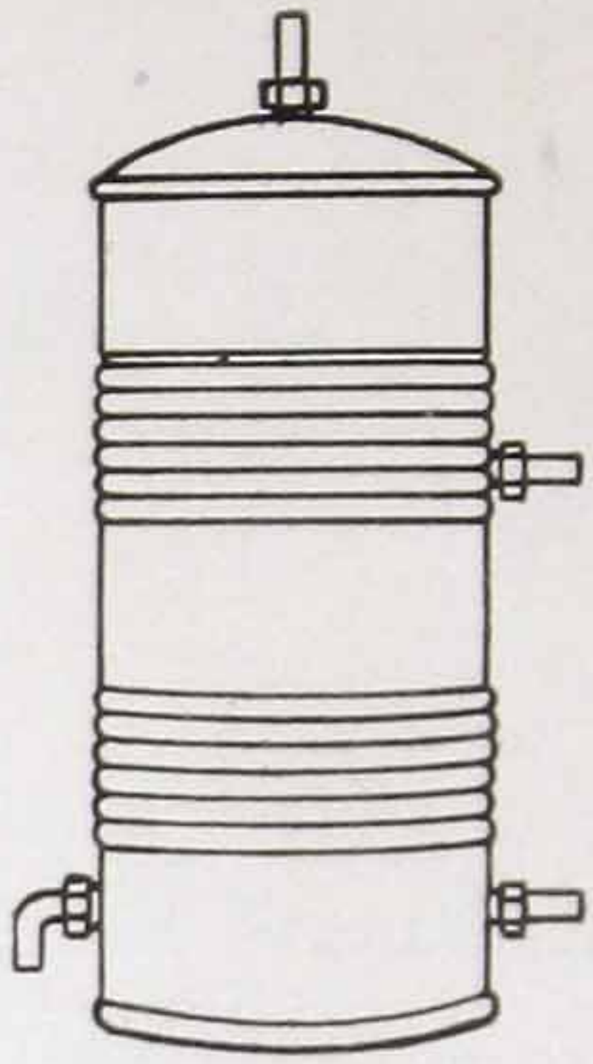
3 in., 6 in., 9 in., 12 in., 18 in., 24 in. centres.

Bore	*Poundage of Lead*
1½ in. 2 in.	4, 5, 6, 7, 8 lbs.
2½ in. 3 in. 3½ in. 4 in.	5, 6, 7, 8, 10 lbs.

Prices for other diameters, weights, and measurements given on application.



†Unions position A.



†Unions position F.

No. B 3071. COPPER CYLINDER

Light part corrugated pattern.

With Silver-Alloy Brazed Seams and four ¾ in. Unions for Lead, Test Pressure 12½ lbs. Maximum Working Head 20 ft.

Sizes.

Height	*Diameter*	*Height*	*Diameter*
24 in. 27 in. 30 in. 33 in.	× 12, 13, 14, 15 in.	36 in. 39 in. 42 in. 48 in.	× 12, 13, 14, 15 in.

EXTRAS:
- 1-in. unions in place of ¾ in.
- 1¼-in. ,, ,, ,,
- Additional unions, ¾ in., 1 in., or 1¼ in.
- ,, bosses, ½ in., ¾ in., or 1 in.
- Loose boiler unions, ¾ in. or 1 in.
- Single bolt centre pin handhole.
- Fixing heater boss.
- Screwed female unions.

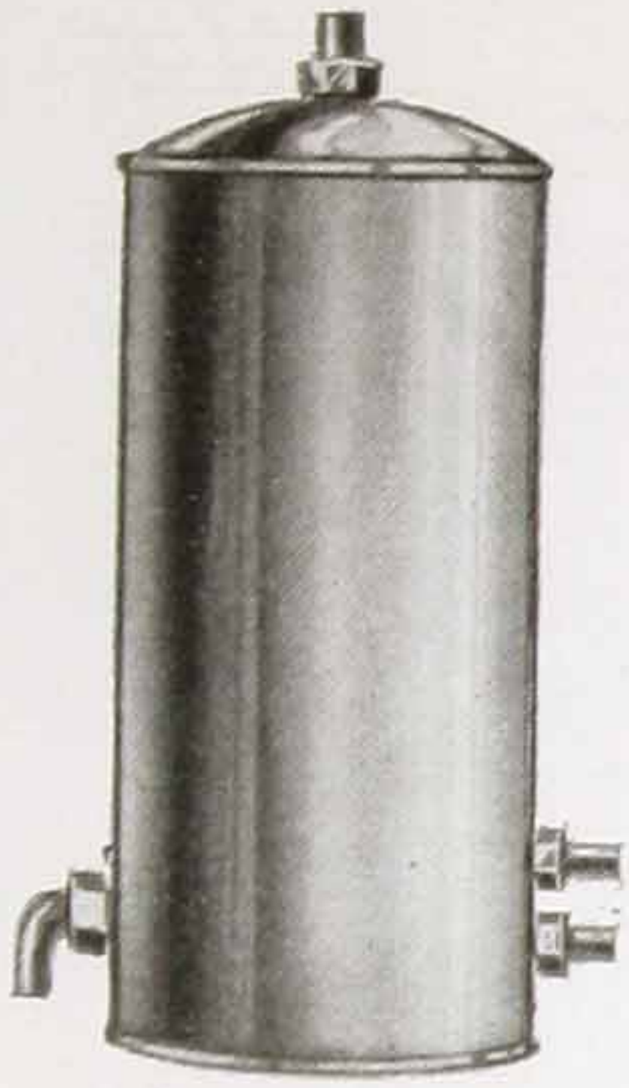
DEDUCTIONS: ¾-in. or 1-in. bosses in place of ¾-in. unions.

Special sizes made to order.

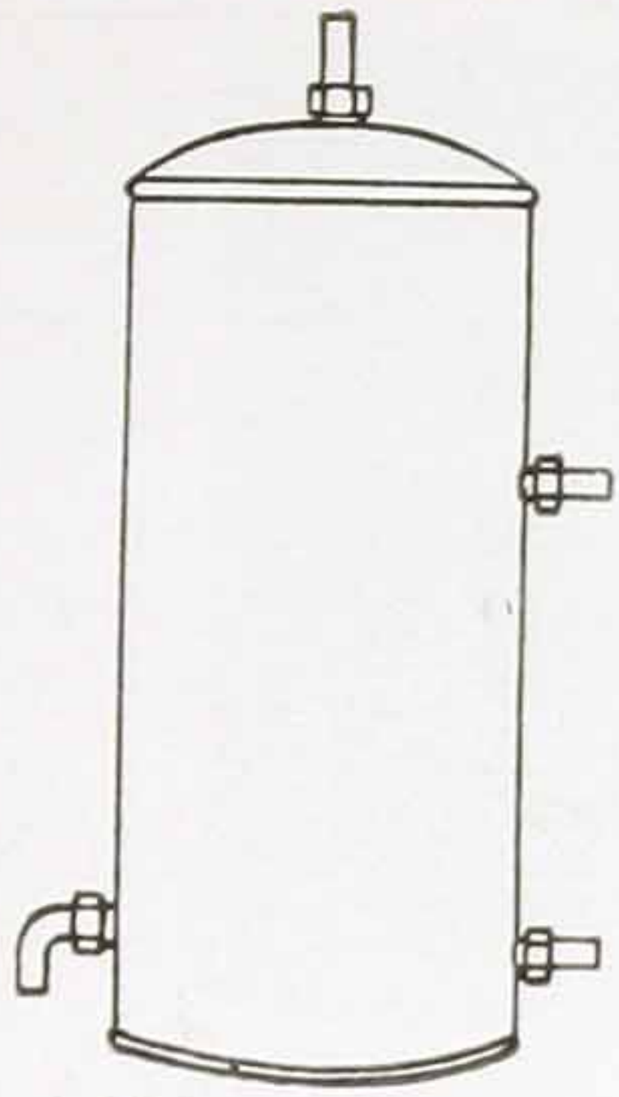
† Cylinders can be supplied with the flow union or boss two-thirds way up the cylinder as line drawing position F which we recommend because hot water can be drawn much quicker after circulation has commenced.

Actual Capacities of Copper Cylinders
(in gallons)

Ht. \ Dia.	12 in.	13 in.	14 in.	15 in.	16 in.	17 in.	18 in.
24 in.	8	9¼	10¾	12¼	14	15¾	17½
27 in.	9	10½	12¼	13¾	16	18	20
30 in.	10	11¾	13¾	15½	18	20¼	22¾
33 in.	11	13	15½	17¼	20¼	22½	25¼
36 in.	12	14½	17¼	19¾	22¼	25	28
39 in.	13	15¾	18½	21½	24½	27½	30½
42 in.	14	17	20	23¼	26½	29¾	33¼
48 in.	16	19½	23	26¾	30½	34½	38½



† Unions position A



† Unions position F

No. B 3070. COPPER CYLINDER

Plain pattern with brazed vertical seam and four ¾-in. Unions for lead.

Guaranteed Gauges

Standard Heights : 24, 27, 30, 33, 36, 39, 42, 48 in.
Standard Diameters : 12, 13, 14, 15, 16, 17, 18 in.

Gauges		Working Details		
Top and Body	Bottom	Diameter	Test Pressure	Max. Working Head
22 S.W.G.	18 S.W.G.	All Diameters	20 lbs.	30 feet
20 S.W.G.	17 S.W.G.	12, 13, 14 in.	40 lbs.	60 feet
		15, 16, 17, 18 in.	30 lbs.	50 feet
18 S.W.G.	16 S.W.G.	12, 13, 14, 15 in.	50 lbs.	60 feet
		16, 17, 18 in.	35 lbs.	50 feet

B.S.S. 699 — 1951

B.S. Size No.	Dimensions		Actual Capacity	Grade 1	Grade 2	Grade 3
	Ext. Ht.	Ext. Dia.		Max. permissible working head 100 ft.	Max. permissible working head 60 ft.	Max. permissible working head 30 ft.
				W.G.	W.G.	W.G.
1	36	14	17¼	17/15	20/17	22/18
2	36	16	22¼	16/14	19/16	22/18
3	27	18	20	15/13	18/15	22/18
4	30	18	22¾	15/13	18/15	22/18
5	33	18	25¼	15/13	18/15	22/18
6	36	18	28	15/13	18/15	22/18
7	42	18	33¼	15/13	18/15	22/18

No. B 3030. LARGE COPPER CYLINDERS

Gallons	50	60	75	85	95	100	150	200	300
Height in ins. ...	48	48	48	54	60	63	60	72	72
Diameter in ins....	20	21	24	24	24	24	30	32	39

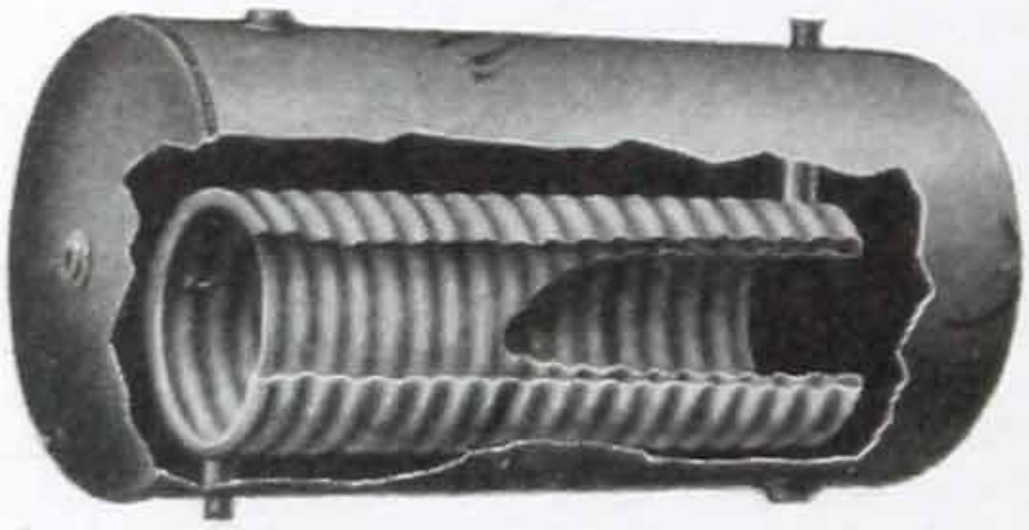
Please state Pressure Test required when ordering.
† See note on previous page re unions.

No. B 3075
COPPER CALORIFIER
Vertical coil pattern.
For Domestic Hot Water Supply.

SIZES B 3075

Size	Capacity	Heating Surface
Height Dia.	Galls.	Sq. ft.
35" × 15"	20	4
30" × 18"	24	5½
36" × 18"	30	6
42" × 18"	35	7
48" × 18"	40	8
50" × 20"	50	10
58" × 20"	60	12
54" × 24"	80	16
69" × 24"	100	20
66" × 30"	150	30
77" × 32"	200	40
75" × 36"	250	50
78" × 39"	300	60

Recommended where there is an appreciable difference in pressure between the two circuits.



No. B 3080
COPPER INDIRECT CYLINDER
Annular Type
For Hot Water circulation.

For vertical or horizontal position.

2 male bosses on primary circulation and 3 female bosses on secondary circulation.

The Annular Type is suitable for use where there is only small difference of pressure between the two circuits.

SIZES B 3080

Size	Capacity	Heating Surface
Height Dia.	Galls.	Sq. ft.
35" × 15"	20	7
30" × 18"	24	8
36" × 18"	30	9½
42" × 18"	35	12
48" × 18"	40	14
50" × 20"	50	17
58" × 20"	60	20
54" × 24"	80	27
69" × 24"	100	34
66" × 30"	150	50
77" × 32"	200	66
75" × 36"	250	83½
78" × 39"	300	100

We supply Calorifiers for every purpose and of all capacities.

Quotations will be sent on application stating requirements.

No. B 3102

COMBINATION HOT WATER TANK

With brazed seams, comprising cold supply tank and copper hot water cylinder combined, the two being separated by special insulation.

Standard size is 36 in. × 18 in. nominal capacity 20 gallons hot and 10 gallons cold water. Special sizes and immersion heater bosses and circulating coils can be supplied as extras.

No. B 3103

INSULATING JACKET

Made to suit any size of cylinder and easily fitted in the form of segments secured by hooks to a flexible wire band. The jacket is held in position on the cylinder with black steel bands and clips. The segments are filled with special mineral wool and the outsides are finished in glazed waterproof material.

No. B 3104

THE PRIMATIC UNIVERSAL CYLINDER

A copper indirect cylinder of special design avoiding the necessity for duplicate supply system, ballvalve and piping. It is entirely self-contained, eliminates scale deposits in the primary system, and providing frequent boiling conditions are avoided, the water at the service taps will be free from discoloration.

Sizes	36 × 15	39 × 15	36 × 16	39 × 16	36 × 18	42 × 18	48 × 18 in.
Nominal Capacity ...	20	24	25	27	30	35	40 galls.

No. B 3488. STEAM KETTLE

Substantially made of strong hard-rolled copper and heated by copper steam coil fitted with steam inlet valve, gun-metal draw-off tap with lever handle. Loose lid top. All inside surfaces tinned.

The steam inlet and exhaust can be fixed in any position to suit requirements.

Sizes : 4, 6, 8, 10, 15, 20, 25, 30 and 40 Galls.

No. B 3489. STEAM-HEATED WATER BOILER

SELF-FEED TYPE

Within a few moments of turning on the steam a continuous and unlimited supply of boiling water is available and may be drawn off at the rate of from one half-gallon to four gallons per minute according to size of boiler.

It is only necessary to turn on the steam, draw off the boiling water as much or little as required, then turn off the steam when finished. Any young girl can operate it with perfect safety.

It is absolutely free from any complications or gadgets likely to get out of order or to require skilled attention, having been designed with this special object in view ; it is, in fact, as simple as an ordinary steam kettle, with the following advantages :—

It is self-feeding. Boiling water supply is continuous and unlimited. It is instantaneous in action. Is absolutely safe. Designed and built for rough, hard usage.

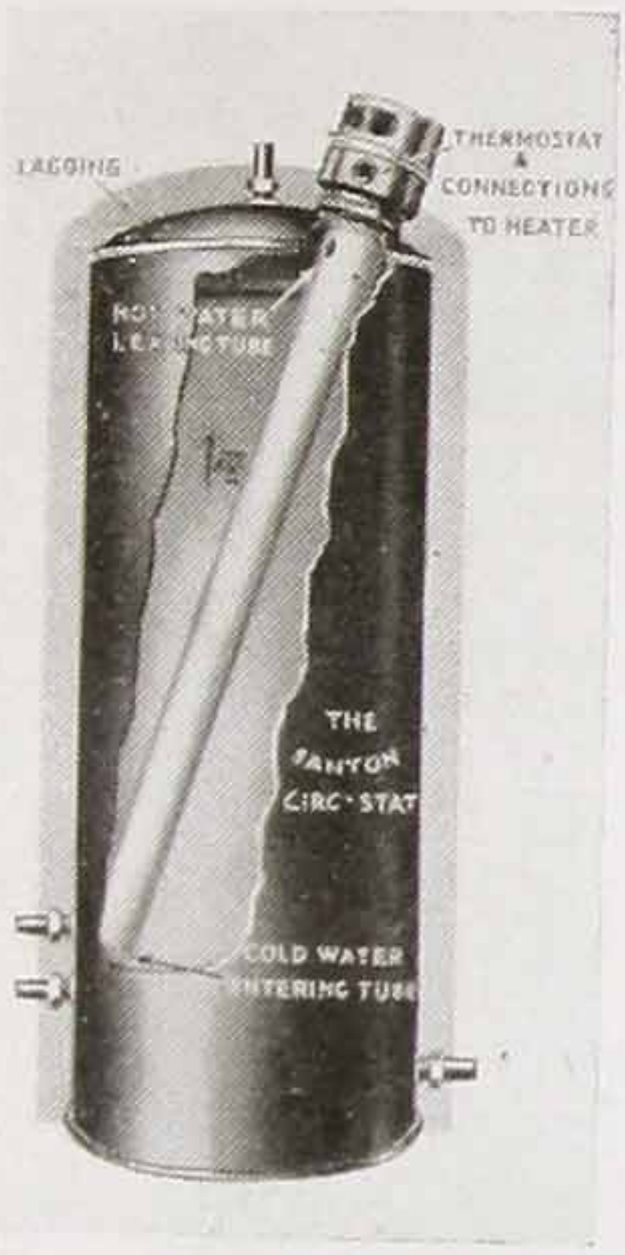
It is highly efficient and economical in use—it is not necessary to boil a large bulk of water out of all proportion to the amount actually required for use, as is often the case with the ordinary steam kettle.

Sizes	0	1	2	3	4	5	6
Boiling Capacity } Galls. per min. ...	½	1	1½	2	2½	3	4
No. of Taps	1	1	2	3	4	4	5

SANTON DOMESTIC IMMERSION HEATERS "R" TYPE

Withdrawable Elements

2¼ in. B.S.P.T. Head, A.C. or D.C. (Thermo-Immersers) with Pockets for Thermostats



THE SANTON CIRC-STAT

A thermostatically controlled Electric Heater : automatically switches current on and off when the temperature of the water falls below or rises above a predetermined figure. Made in various lengths and loadings to suit differing requirements as to space allowable and time limits.

	Loading	Length of Tube
No. EH 883 ...	2 K-W.	18 in.
No. EH 884 ...	3 ,,	18 ,,
No. EH 885 ...	2 ,,	21 ,,
No. EH 886 ...	3 ,,	21 ,,
No. EH 887 ...	2 ,,	27 ,,
No. EH 888 ...	3 ,,	27 ,,
No. EH 889 ...	4 ,,	27 ,,
No. EH 890 ...	2 ,,	30 ,,
No. EH 891 ...	3 ,,	30 ,,

Voltages 200/230 230/250 A.C.

The length of the heater is determined by the depth to which it is required to heat the water.

Sweat-in Flanges

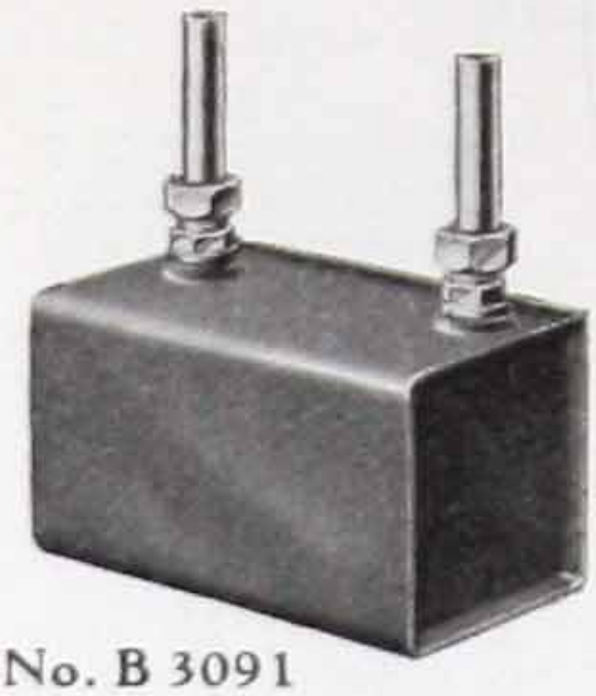
No. EH 900 Built-up Type Copper Cylinder
No. HH 901 Flat Type ,, ,,

SANTON "OTTER" RANGE OF IMMERSION HEATERS

2¼ in. B.S.P.T. without Thermostats

	Length	Load K-W.	Voltage	
No. EH 902	11 in.	2½	200/220 and 230/250 A.C. and D.C.	Horizontal
No. EH 903	11 in.	3		,,
No. EH 904	13 in.	3		,,
No. EH 905	18 in.	3		Horizontal or Vertical
No. EH 906	23 in.	3		Vertical
No. EH 907	27 in.	3		,,
No. EH 908	30 in.	3		,,
No. EH 909	36 in.	3		,,
No. EH 910	16 in.	4	230/250 only	,,
No. EH 911	36 in.	4	,,	,,

The above Heaters are **without** Thermostats. If required for Santon Otter Thermostat (fixed settings) 140°, 160°, 180° F. can be supplied for D.C.



No. B 3091

No. B 3091
COPPER BUNGALOW BOILER

With ¾-in. unions for lead or screwed female bosses.

Frontage	Sizes			Approximate weights (with unions)	
	Top	Bottom	Height	5/16-in. plate	¼-in. plate
10	6	6	6 in.	20	26 lbs.
12	6	6	6 ,,	22	29 ,,
14	6	6	6 ,,	25	32 ,,

N.B.—Boilers with bosses weigh about 2 lbs. less than above.

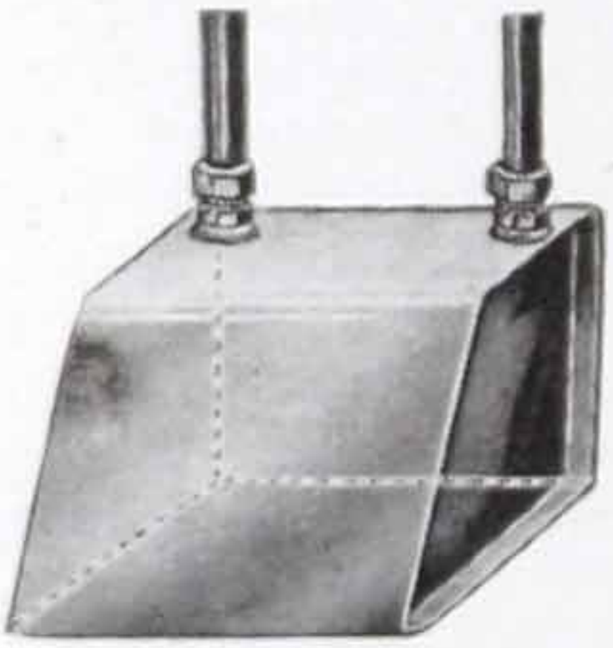
No. B3092

No. B 3092
COPPER BACK-TO-BACK BOILER

With ¾-in. unions for lead or screwed female bosses
Also supplied with long extension pipes and unions

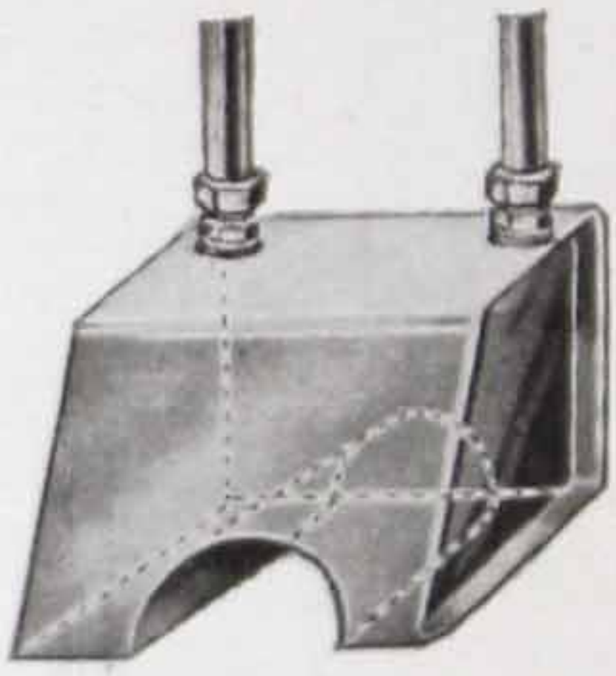
	Frontage	Top	Bottom	Height
Sizes ...	12 in.	4 in.	4 in.	6 in.

Made in ⅛-in. and 5/16-in. plate.
When ordering please state hand required.
Illustration shows a right-hand boiler.



No. B 3083
COPPER PLAIN BOILER

With ⅝-in. or 1-in. unions for lead or screwed female bosses.



No. B 3095
COPPER FLUE BOILER

With ⅝-in. or 1-in. unions for lead or screwed female bosses.

APPROXIMATE WEIGHTS (with ¾-in. Unions) :

				No. B 3083		No. B 3095	
Frontage	Top	Bottom	Height	5/16-in. plate	¼-in. plate	5/16-in. plate	¼-in. plate
10	6	8	8 in.	28	34	30	36 lbs.
12	6	8	8 ,,	32	38	34	40 ,,
10	6	8	9 ,,	30	36	32	38 ,,
12	6	8	9 ,,	34	40	36	42 ,,
10	7	9	9 ,,	35	42	38	45 ,,
12	7	9	9 ,,	38	45	41	48 ,,
10	12	12	6 ,,	36	42	40	46 ,,
12	12	12	6 ,,	40	48	44	52 ,,

N.B.—Boilers with bosses weigh about 2 lbs. less than above.
If fitted with Handhole, Boilers weigh about 5 lbs. more than above.
Copper Boilers can be supplied to suit all ranges.

WROUGHT WELDED BOILERS

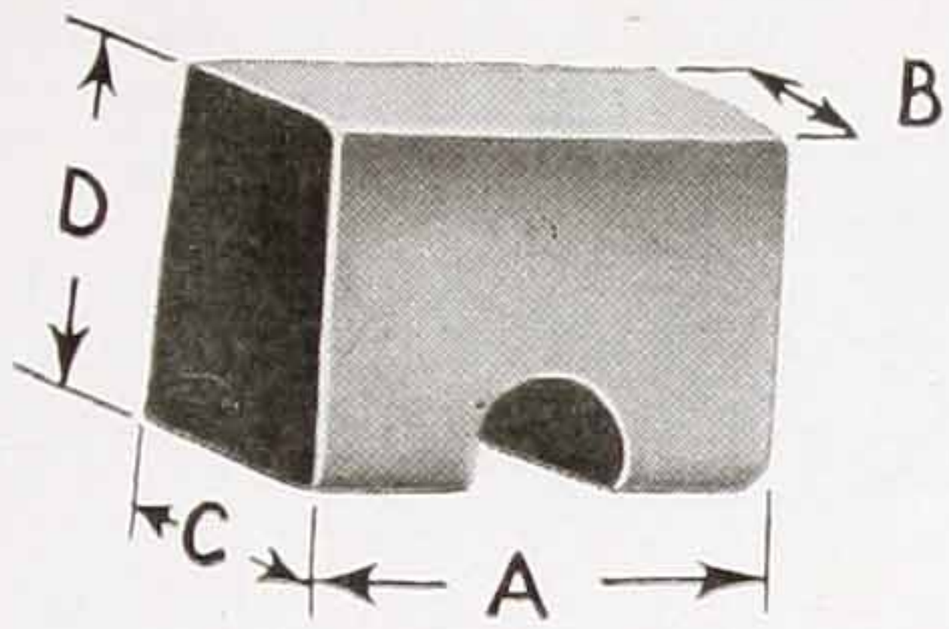
Wrought Welded Boilers are calculated on the Girth Measurements and Width.

To ascertain the Girth Measurement add together :

Top Bottom Height
B + C + twice D
A = Width

When ordering give sizes in the following order :—

A × B × C × D



For Code of Tappings see page 171.

WELDED RANGE BOILERS

ARCH BOILERS, $\frac{5}{16}$ in. PLATE

Width of Boiler in inches ... 10, 11, 12, 13, 14, 15, 16, 17, 18

Girth inches up to 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49

All orders are sent carriage paid, but a NET EXTRA is charged for less than 4. Boilers include Cover and Joint Ring and are with or without two $\frac{3}{4}$ in. or 1 in. tappings.

For Code of Tappings see page 171.

WELDED RANGE BOILERS

ARCH BOILERS $\frac{3}{8}$ in. PLATE

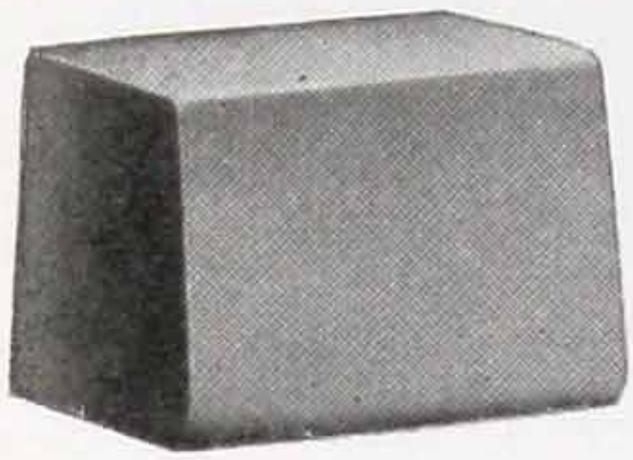
Width of Boiler in inches ... 10, 11, 12 13, 14, 15, 16, 17, 18

Girth inches up to 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49

All orders are sent carriage paid, but a NET EXTRA is charged for less than 4. Boilers include Cover and Joint Ring and are with or without two $\frac{3}{4}$ in. or 1 in. tappings.

WROUGHT WELDED BOILERS

Wrought Welded Boilers are calculated on the Girth Measurements and Width, see Diagrams.



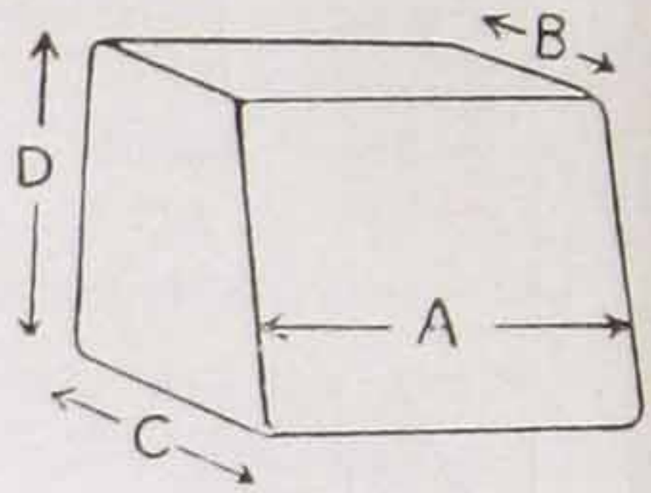
To ascertain the Girth Measurement add together.

Top		Bottom		Height
B	+	C	+	twice D

A = Width

When ordering give Sizes in the following order :—

A × B × C × D.



WELDED RANGE BOILERS

PLAIN BOILERS ⅜ in. PLATE

Width of Boiler in inches ...	10, 11, 12, 13, 14, 15, 16, 17, 18
Girth inches up to	25, 27, 29, 31, 33, 35, 37, 39, 41, 43 45, 47, 49

All orders are sent carriage paid, but a NET EXTRA is charged for less than 4.

Boilers include Cover and Joint Ring and are with or without two ¾ in. or 1 in. tappings.

WELDED RANGE BOILERS

PLAIN BOILERS, 5/16 in. PLATE

Width of Boiler in inches ...	10, 11, 12, 13, 14, 15, 16, 17, 18
Girth inches up to	25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49

All orders are sent carriage paid, but a NET EXTRA is charged for less than 4.

Boilers include Cover and Joint Ring and with or without two ¾ in. or 1 in. tappings.

TAPPINGS (For Code of Tapped Holes see pages 171)

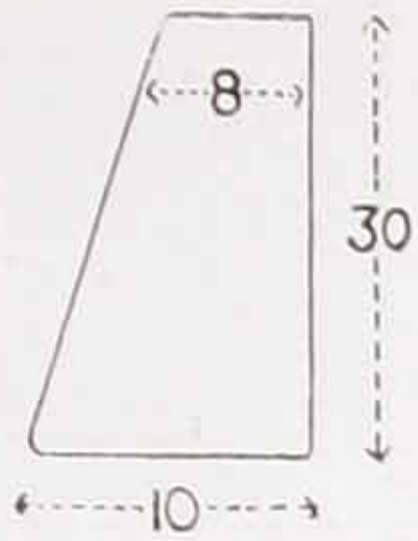
BOWER BARFFING OR GALVANIZING EXTRA

WROUGHT WELDED NEWCASTLE AND OTHER LARGE BACK BOILERS

With Cover. $\frac{5}{16}$ in. Plate.

Including 4 in. Stamped Cover.

With or without 2 holes for Pipes, any size, tapped or untapped.



To ascertain the girth measurement add together top and bottom and twice the height, i.e.— 8 + 10 = 18
Twice 30 = 60
78

WELDED RANGE BOILERS
NEWCASTLE AND OTHER LARGE BOILERS $\frac{5}{16}$ in.

Including 4 in. Double-Nut Cover and Ring, and 2 Tappings.

Width of Boiler in inches ...	10, 11, 12, 13, 14, 15, 16, 17, 18
Girth inches up to	52, 54, 57, 60, 63, 66, 69, 72, 75, 78, 81, 84, 87, 90, 93, 96, 99, 102

Single Boilers carriage paid (goods).

WELDED RANGE BOILERS
NEWCASTLE AND OTHER LARGE BOILERS $\frac{3}{8}$ in.

Including 4 in. Double-Nut Cover and Ring, and 2 Tappings.

Width of Boiler in inches ...	10, 11, 12, 13, 14, 15, 16, 17, 18
Girth inches up to	52, 54, 57, 60, 63, 66, 69, 72, 75, 78, 81, 84, 87, 90, 93, 96, 99, 102

Single Boilers carriage paid (goods).

Newcastle Boilers Incur Extras—if fitted with :—

5 in. diameter D.N. Cover and Ring.
6 in. Set Screw Cover.
Rubber Joint Ring for ditto.
Asbestos Ring for ditto.
Raised Flow.
Arch Flues, per inch back to front.
Intersecting Flues, per inch total length.
Additional Tappings (see page 171).

For Boilers over 18 in. wide, the difference between 17 in. and 18 in. is charged for each additional inch.
All fractions of 1 in. in girth or width are taken at next larger size.
Bower Barffing or Galvanizing can be arranged.
See page 171 for method of ordering, and tapping chart, Single Boilers carriage paid (goods).

WELDED RANGE BOILERS

In all Boilers we include Double Nut Covers up to 4 in. dia., or Oval Covers up to $5\frac{1}{2}$ in. × $2\frac{3}{4}$ in., but no allowance can be made if holes for Covers are cut but Covers not supplied. A Joint Ring is included and two tappings up to 1 in. if required but no allowance can be made if tappings are not required.

Fractions of 1 in. in width or girth are taken at next largest size. Under 10 in. wide are at 10 in. price ; under 25 in. girth at 25 in. price ; over 18 in. wide, for each additional inch, add difference between 17 in. and 18 in. price. Over 49 in. girth, i.e., Newcastle type Intersecting Flue and other Special Boilers, see page 170.

WARNING.—Cover Joints should be remade before fixing as they may have been disturbed in transit.

WROUGHT WELDED BOOT BOILERS

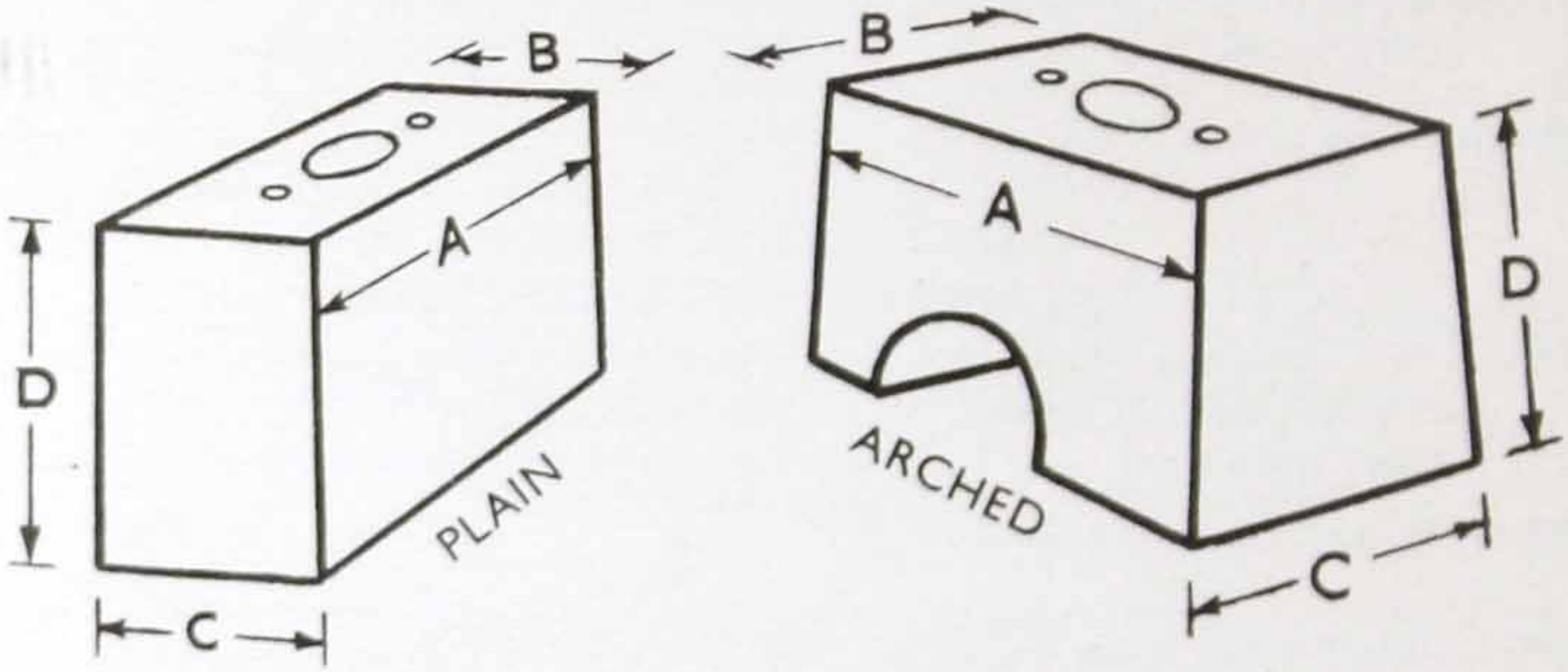
$\frac{5}{16}$ in. Plate. Round or Square Toe.

Supplied to any measurement.

WELDED BOILERS

Code of Instructions for Orders

Code for Ordering Boilers by Letter, Telephone or Telegraph :—



Give the sizes in the order shown above—A for width, B for top, C for bottom, D for height—state if arch or plain and give thickness of plate, and with or without cover.

See page 171 for Code for tapped holes.

Example :

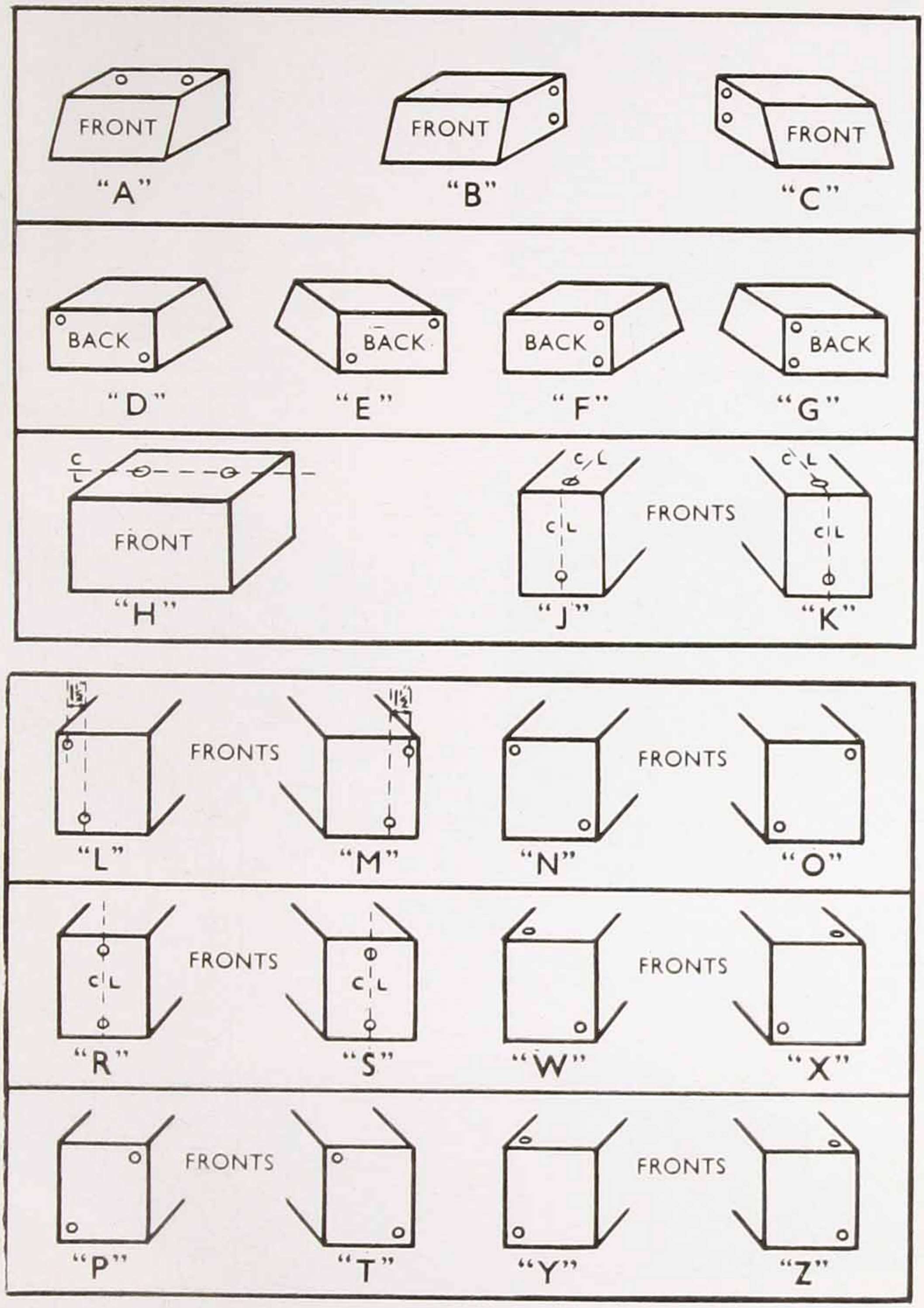
One plain Boiler 12. 5/5. 7. 5/16 Cover. 2–1 inch E.

BOWER BARFFING OR GALVANIZING: EXTRA

WELDED RANGE BOILERS

CODE DIAGRAMS

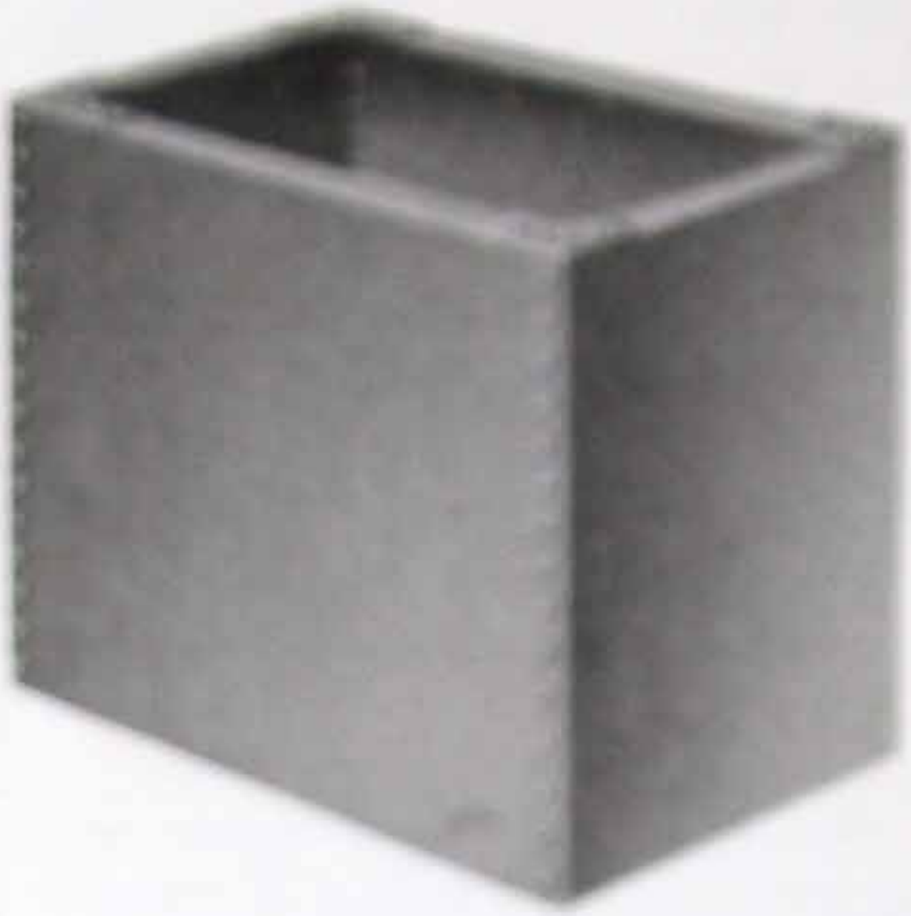
For Indicating Positions of Tapping Holes



When ordering Boilers to be Drilled and Tapped, please use above Code and state size of hole and the Indicating Letter to avoid errors.

BAXENDALE & CO. LTD.

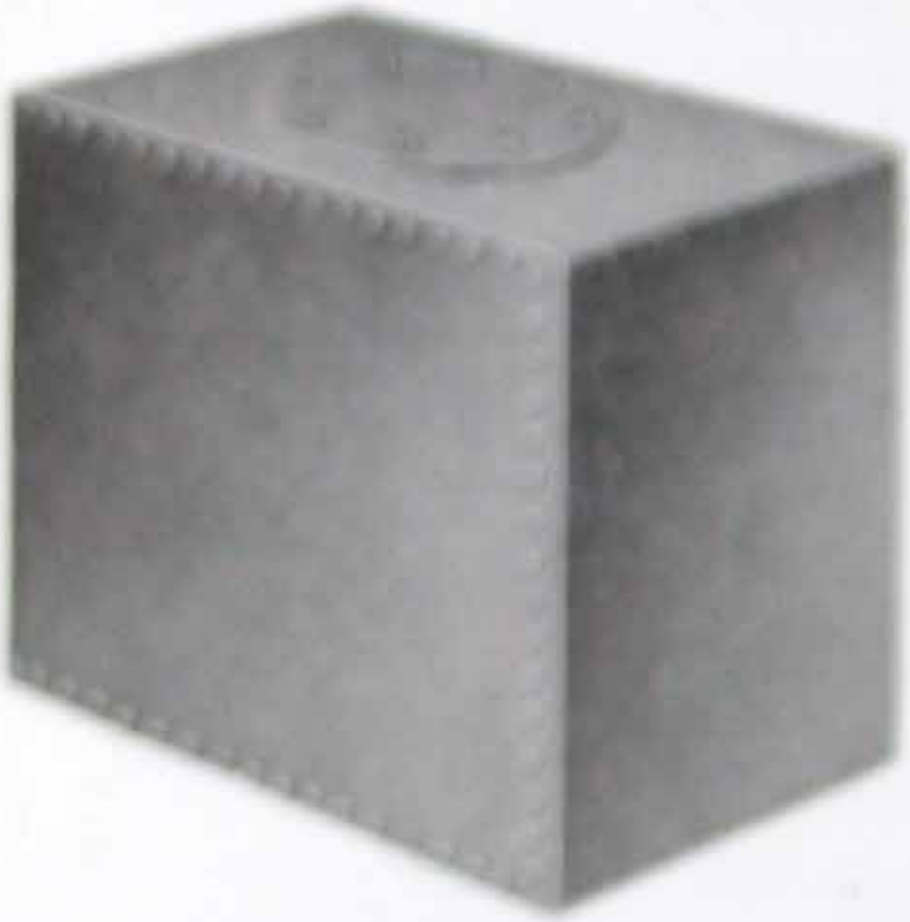
GALVANIZED TANKS, CISTERNS AND CYLINDERS



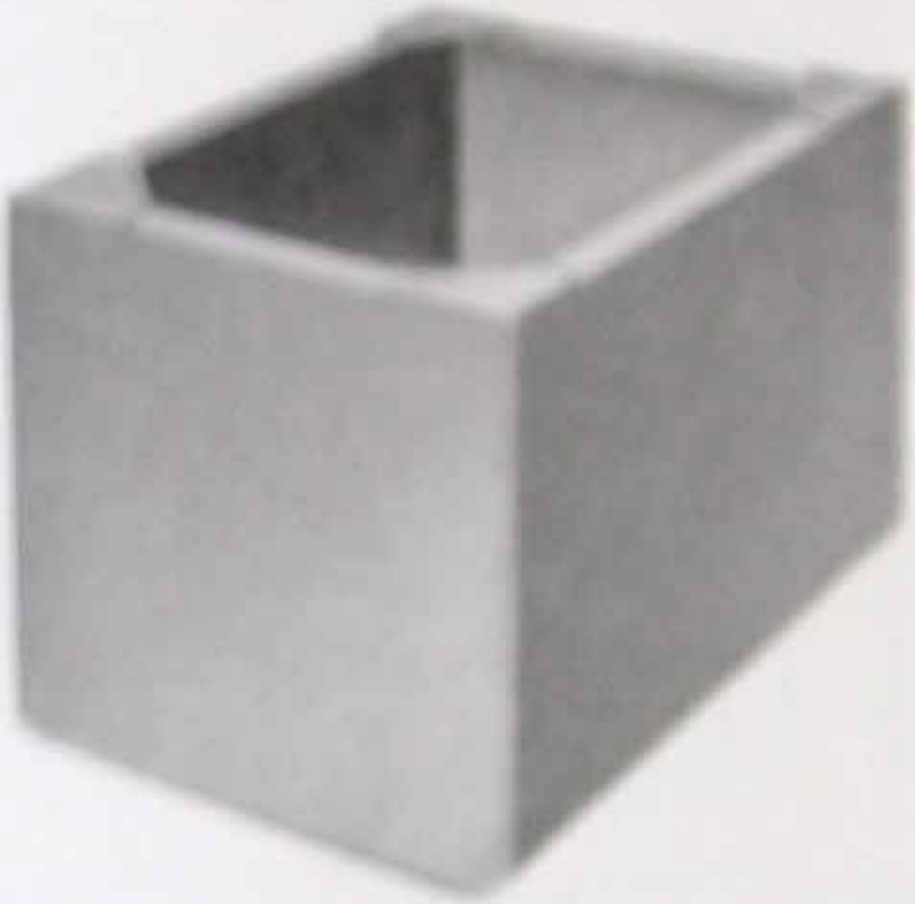
We can also supply Oil Storage Tanks either Square, Rectangular, or Cylindrical (any capacity) as used for Oil fired boiler units.

Galvanized Steel Riveted Open Top Cisterns 6 gallons up to 1,250 gallons nominal capacity and from 18 B.G. to $\frac{3}{16}$ in. thick inclusive.

Galvanized Steel Welded Cylinders 16 gallons up to 100 gallons actual capacity and from 14 B.G. to $\frac{3}{16}$ in. thick inclusive.



Galvanized Steel Closed Riveted and/or Welded Hot Water Tanks 17 gallons up to 200 gallons actual capacity and from 14 B.G. to $\frac{3}{16}$ in. thick inclusive.



Galvanized Welded Cisterns. Bent over Tops and Corner Plates. Galvanized after made. 6 gallons up to 1,250 gallons capacity and from 18 B.G. to $\frac{3}{16}$ in. thick inclusive.

Galvanized Steel Shallow Riveted and/or Welded Rainwater Cisterns up to 20 in. deep from 18 B.G. to $\frac{1}{8}$ in. thick inclusive.

MILLER STREET · MANCHESTER

BAXENDALE & CO. LTD.

GALVANIZED TANKS, CISTERNS AND CYLINDERS

RIVETED OR WELDED TESTED AND GUARANTEED SOUND TO CONFORM TO B.S. No. 417-1951

The main details are as follows :—

CISTERNS (Welded or Riveted) NOMINAL CAPACITY	GRADE A	GRADE B
	Minimum Thickness of Steel before Galvanizing	
10 Galls. up to 40 Galls. incl.	16 B.G.	18 B.G.
50 " " 100 "	14 B.G.	16 B.G.
125 " " 250 "	12 B.G.	14 B.G.
350 " " 600 "	1/8"	12 B.G.
1000 " "	3/16"	1/8"

Grade A Cisterns are usually required by Water Authorities for use in connection with Public Water supplies.

HOT WATER TANKS (Welded or Riveted) ACTUAL CAPACITY	GRADE A Test Pressure : 10 lb. per sq. in. Max. Working Head of Water : 15 ft.	GRADE B Test Pressure : 7½ lb. per sq. in. Max. Working Head of Water : 10 ft.
	Minimum Thickness of Steel before Galvanizing	
17 Galls. up to 45 Galls. incl.	1/8"	12 B.G.
53 Galls	3/16"	1/8"

HOT WATER CYLINDERS (Welded or Riveted) ACTUAL CAPACITY	GRADE A Test Pressure : 70 lb. per sq. in. Max. Working Head of Water : 100 ft.	GRADE B Test Pressure : 40 lb. per sq. in. Max. Working Head of Water : 60 ft.	GRADE C Test Pressure : 20 lb. per sq. in. Max. Working Head of Water : 30 ft.
	Minimum Thickness of Steel before Galvanizing for both Bodies and Dished Ends		
16 Galls. up to 35 Galls. inclusive	1/8"	12 B.G.	14 B.G.
36 Galls. up to 97 Galls. inclusive	3/16"	1/8"	12 B.G.

The permissible Working Head shall be measured from the bottom of the Tank or Cylinder to overflow pipe of Cistern.

SIZE OF SCREWED CONNECTIONS All Grades

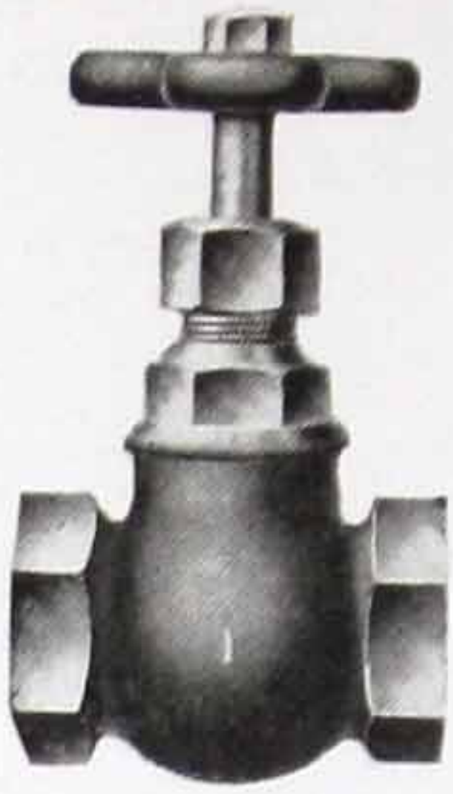
	Tanks	Cylinders
1"	17-27 Galls. inclusive	16-27 Galls. inclusive
1¼"	34-53 " "	35-53 " "
1½"		73-97 " "

Handholes of not less than 6" in diameter must be fitted to all Tanks and Cylinders.

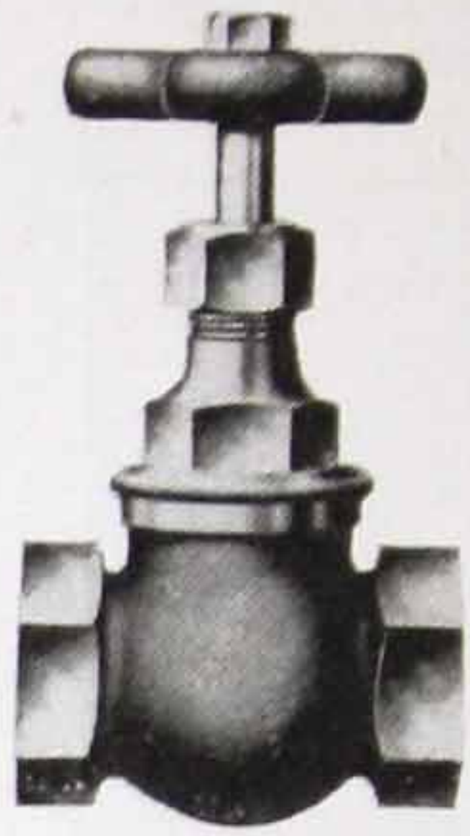
We have large stocks in all sizes from 6 gall. to 1,000 gall. and will be pleased to send prices.

LIVERPOOL · EDINBURGH · DUBLIN

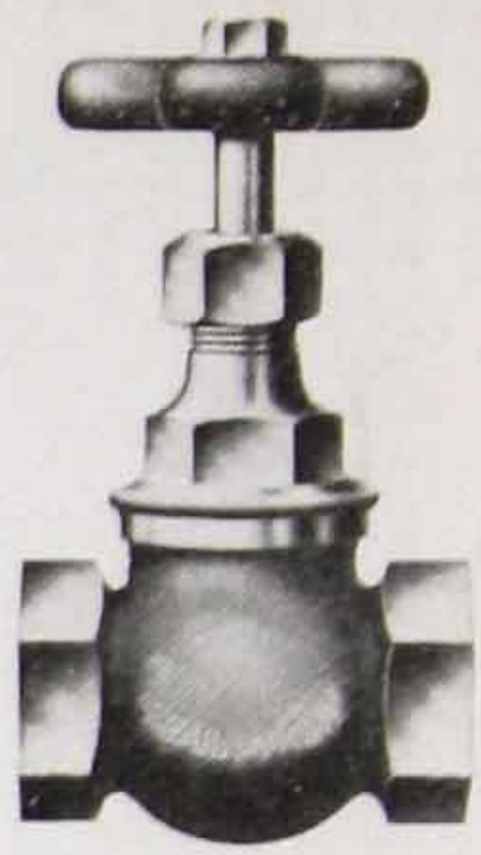
GUN METAL STEAM VALVES AND COCKS



No. B 3150
WHEEL VALVE
Globe Pattern.
For steam pressures up to 150 lbs. □″
Sizes : ¼ in. to 4 in.



No. B 3152
WHEEL VALVE
Screwed cover pattern with renewable nickel alloy clack and seat. For steam pressures up to 200 lbs. □″ and a total superheat temp. of 500° F.
Sizes : ¼ in. to 2 in.



No. B 3154
WHEEL VALVE
With renewable composition disc.
For steam pressures up to 150 lbs. □″.
Sizes : ¼ in. to 4 in.

No. B 3215
STEAM PLUG COCK
Sizes : ¼ in. to 2 in.

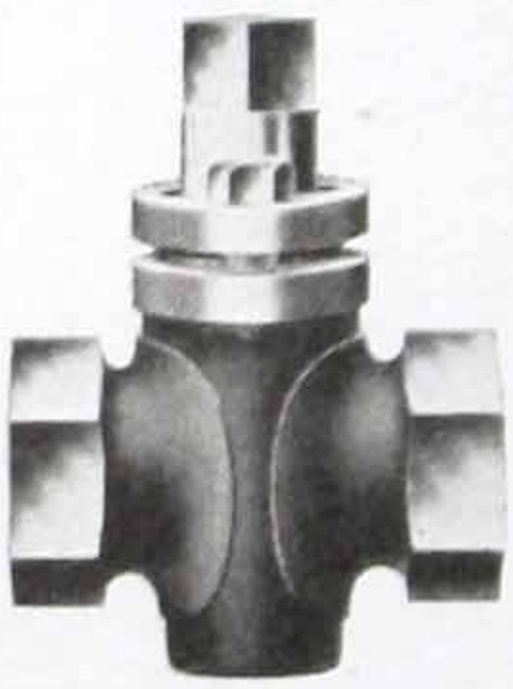
GUN METAL STEAM COCKS

All screwed female ends

Nos. B 3215, 3219, 3221 for pressures up to 150 lbs. □″

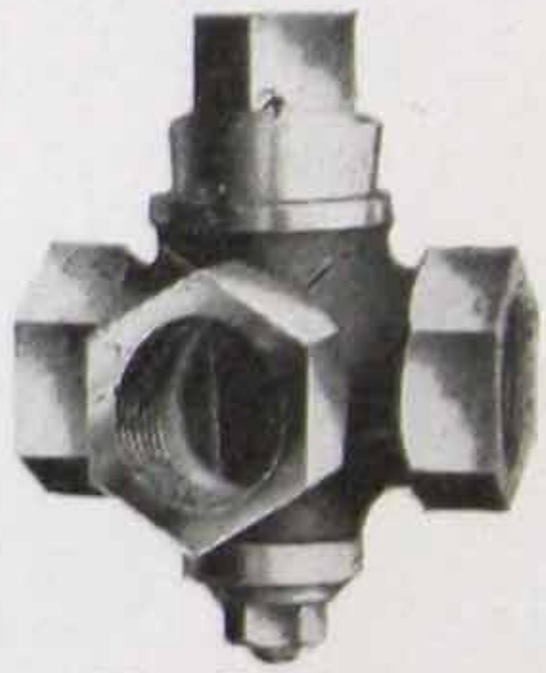
No. B 3223 for pressures up to 200 lbs. □″

No. B 3223
STEAM GLAND COCK
Asbestos packed.
Sizes : ½ in. to 2 in.



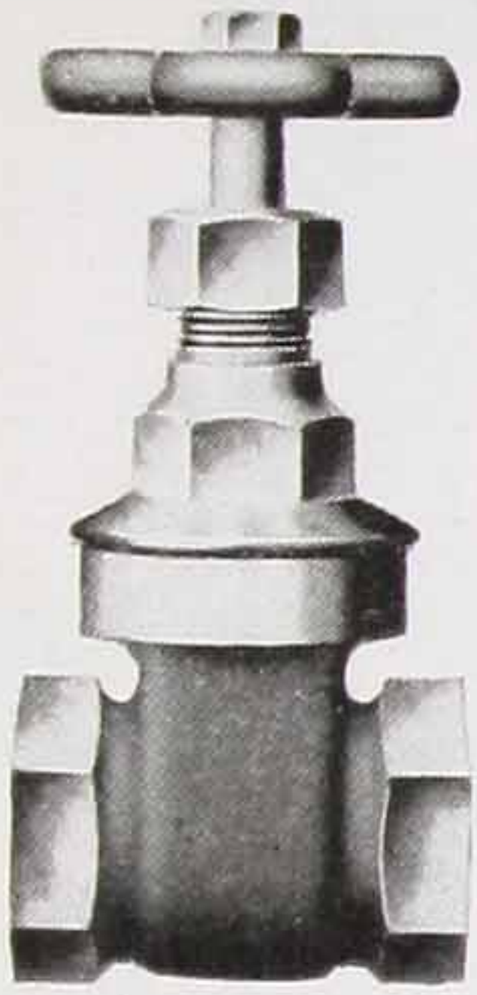
No. B 3221
STEAM GLAND COCK
Sizes : ¼ in. to 2 in.

All screwed Cocks and Valves can be supplied flanged (*Extra*).



No. B 3219
THREE-WAY STEAM PLUG COCK
Sizes : ½ in. to 2 in.

STEAM FITTINGS



No. B 3171
WHEEL VALVE

Fullway Gate Pattern. Strong type for hydraulic pressures up to 200 lbs. □″

All Sizes ¼ in. to 4 in.

No. B 3359
LOCO. FUSIBLE PLUG

Low pressure type : for pressures up to 100 lbs. per □″.
High pressure type : for pressures above 100 lbs. per □″.

Size	Gas thread on seating
00	¾ in.
0	1 in.
1	1¼ in.

No. B 3361
IMPROVED VALVE SEATED FUSIBLE PLUG

Low pressure type : for pressures up to 100 lbs. per □″.
High pressure type : for pressures above 100 lbs. per □″.

Size	Gas thread on seating
00	¾ in.
0	1 in.
1	1¼ in.
2	1½ in.
3	2 in.

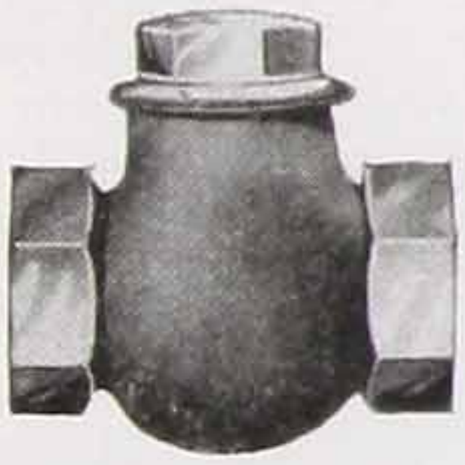
No. B 3214
THROTTLE VALVE

Gun Metal
With index plate.
Screwed female iron.

Sizes : ¾, 1, 1¼, 1½ in.

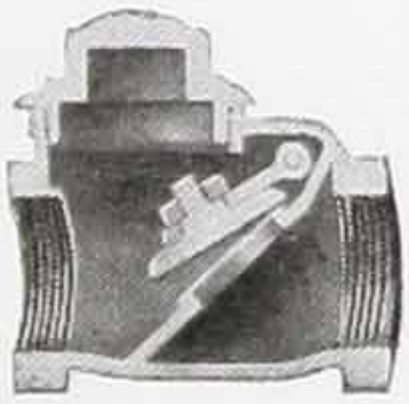
GUN METAL STEAM CHECK VALVES

Screwed female ends.



No. B 3260
Horizontal
All Sizes
¼ to 3 in.

No. B 3262
Vertical
All Sizes
¼ to 3 in.



No. B 3264
Swing
All Sizes
¼ to 3 in.

No. B 3266
Angle
All Sizes
½ to 2 in.

RADIATOR VALVES Sizes ½ in. to 1¼ in.

No. B 4116
Angular.
With Union.

Valves can be supplied with lockshields at same prices as composition wheels. Keys extra.

No. B 4117
Straight.
With Union.

No. B 3200
Angular. With Union.

No. B 3202
Angular.
Screwed female ends.

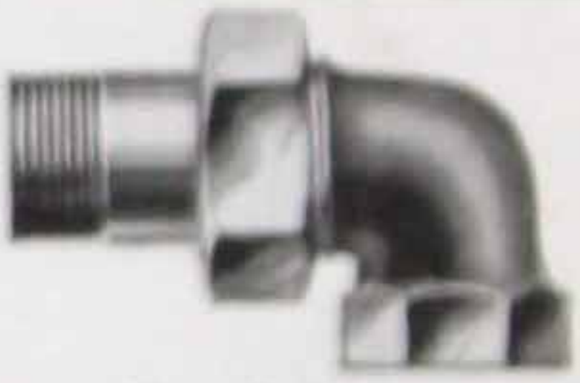
No. B 3204
Straight.
With Union.

No. B 3677
Straight Union.

RADIATOR UNIONS

These unions have screwed male and female ends.

Sizes: ½ in. to 1¼ in.



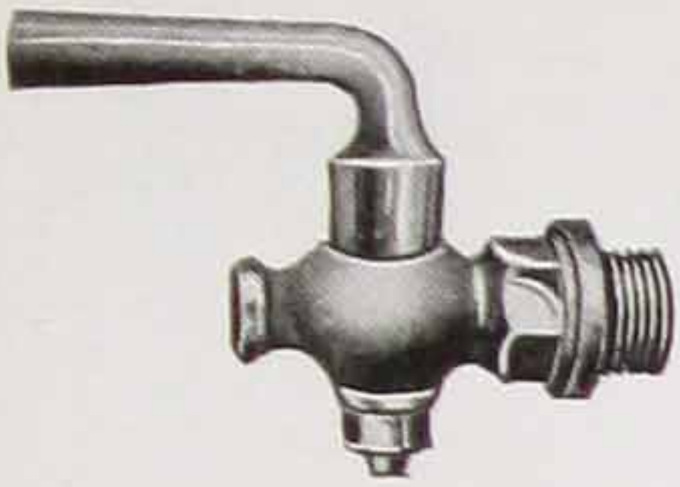
No. B 3678
Elbow Union.

No. B 4119
Smooth-body Straight Union.

Nos. B 4116, B 4117, B4118, and B4119 are supplied in polished brass or chromium-plated finish.

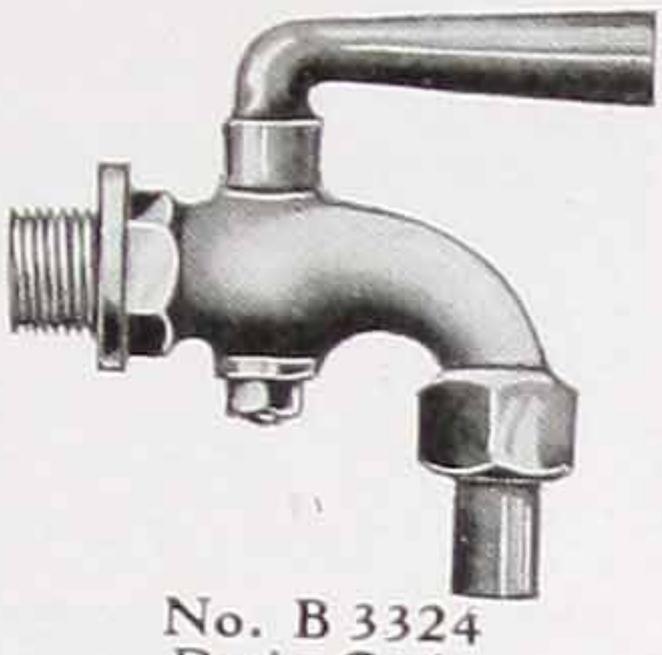
No. B 4118
Smooth-body Elbow Union.

GUN METAL DRAIN COCKS, ETC.

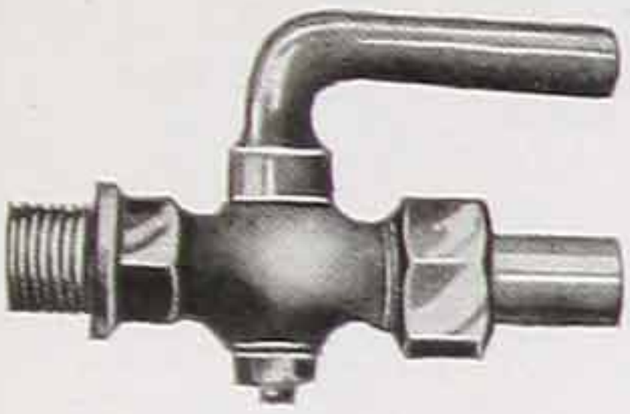


No. B 3328
Drain Cock.
Sizes : $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ in.

No. B 3322
Drain Cock.
Sizes : $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ in.



No. B 3324
Drain Cock
with Union on Nose.
Sizes : $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ in.



No. B 3326
Drain Cock
with Union.
Sizes : $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 in.

No. B 3216. PIPE CHECKER

With butterfly valve.

A knurled lock nut is provided to fasten in position when set.

Screwed for iron or copper pipes.

All Sizes : $\frac{1}{2}$ in. to 3 in.

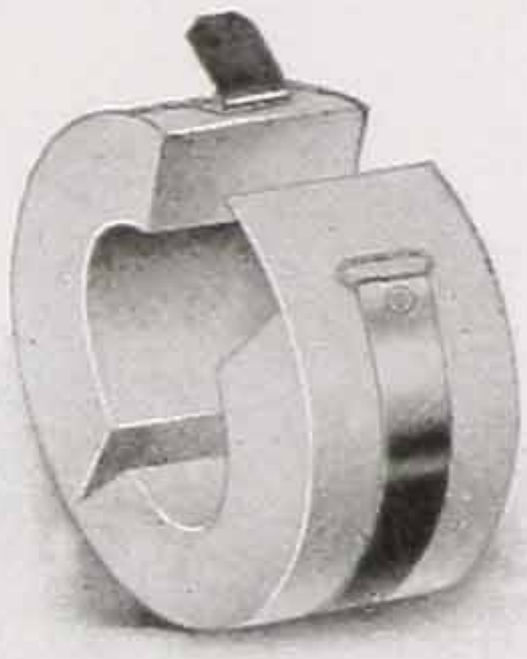
No. B 3218

PENBERTHY PATTERN SILENT WATER HEATER

All Gun Metal.

Suitable for heating any liquid quickly and silently. Used for boiling water in chemical works, breweries, creameries, laundries, hotels, etc.

Size of heater	F	G	H	J	K	L	M	N	
Size of steam pipe	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	in.
,, delivery pipe	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	,,
Galls. of water heated per hour from 70° to 210° F. with 70 lbs. steam press...	100	120	150	200	250	350	500	1,000	



No. B 3220

SECTIONAL PIPE COVERING

85% Magnesia.

Canvas backed and complete with metal fixing bands. Supplied in lengths of 3 ft.

For wrought iron pipes and copper tubes.
All Sizes : $\frac{1}{2}$ in. to 6 in.

BAXENDALE & CO. LTD.

RADIATOR AIR VALVES

No. B 3330
With Loose Key

No. B 3331
With Loose Key

No. B 3334
With Compo Wheel

All Nickel or Chromium-plated. Sizes : ¾ in. and 1 in.

No. B 3344. AUTOMATIC AIR VALVE

For Steam Radiators and Coils. Nickel-plated. Screwed 1 in. Gas.

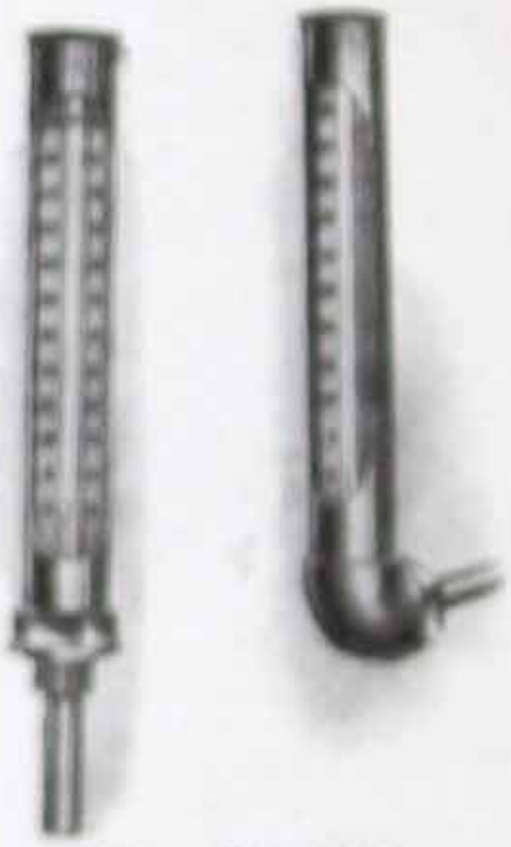
Before fixing, loosen screw (B), then fix the valve, and when the radiator becomes hot tighten the screw gradually until there is no escape of steam at outlet (D). Then screw on the cap tightly to prevent interference with the adjustment.

Drip cup to screw on outlet, *extra*. Extra composition plug can be supplied.

THERMOMETERS, Fahr. or Cent.

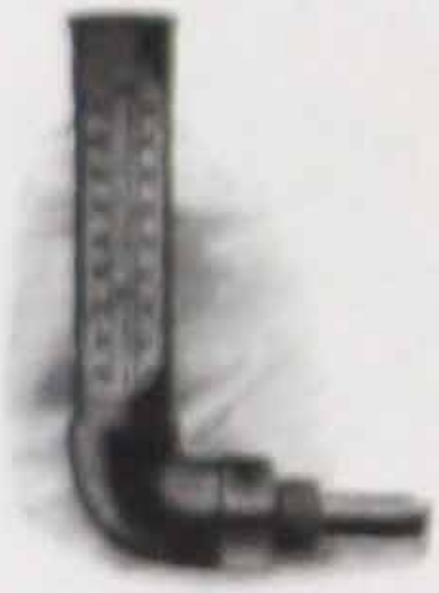
No. B 3416
Iron Case Straight

No. B 3417
Angle Pattern



No. B 3420
Brass Case. Straight
Also with revolving shield

No. B 3422
Angle Pattern



No B 3419
Brass Case.
Angle, Right or Lefthand.

No. B 3418
Brass Case. Straight

No. B 3424
COMBINED ALTITUDE GAUGE and THERMOMETER
Graduated up to 70 ft.
Screwed ¾ in. gas thread

No. B 3423
ALTITUDE GAUGE
Graduated up to 70 ft. unless otherwise ordered.
Screwed ¾ in. gas thread

MILLER STREET · MANCHESTER

GAUGE GLASSES

PLAIN GAUGE GLASS
With fused or ground ends.

No. B 3388 Ordinary Quality.
No. B 3389 High Pressure Quality.

No. B 3390
ENAMELLED GAUGE GLASS
With white, or red and white stripe; Fused Ends
The Enamelled Gauge Glasses are particularly useful in dark places as they show at a glance the Water level in the Boiler, which can be seen AS PLAINLY by night as by day.

SAFETY AND VACUUM VALVES

No. B 2931
SPRING SAFETY VALVE
Hot Pressed Brass
Phosphor bronze spring.
Set to blow off at 30 lbs. per □″
Sizes : ½, ¾, 1 in.

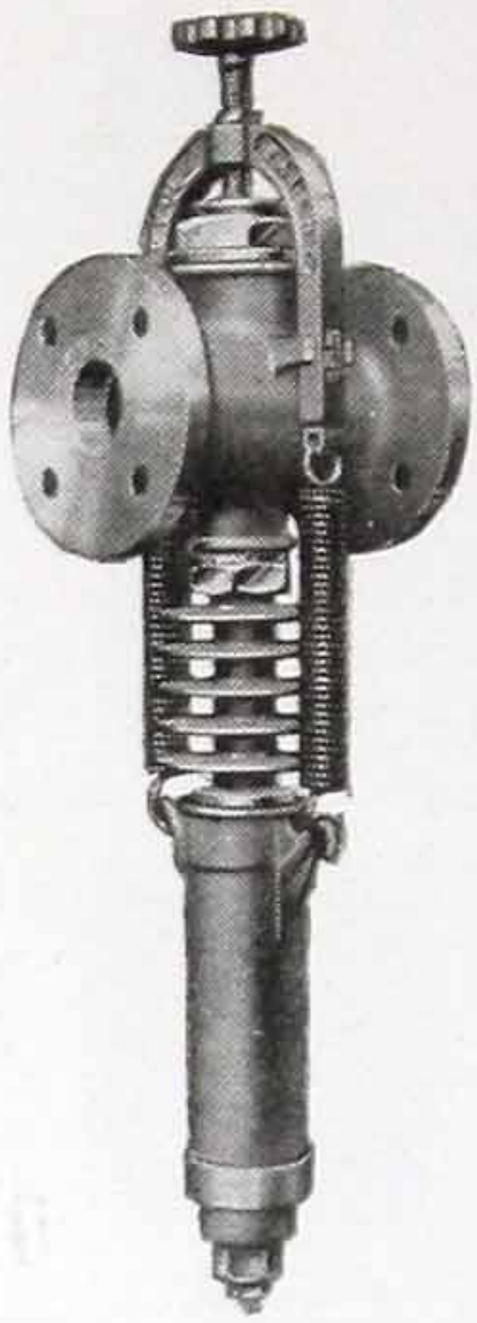
No. B 3353
SPRING SAFETY VALVE
Gun Metal
Open Discharge Type.
Can be set to blow off at any pressure up to 150 lbs. per □″
All Sizes : ½ in. to 3 in.

No. B 2930
SAFETY VALVE
Hot Pressed Brass
Dead Weight Type.
Weighted to 32 lbs.
Sizes : ½, ¾, 1 in.

No. B 2933
SPRING SAFETY VALVE
Hot Pressed Brass
Phosphor bronze spring.
Set to blow off at 50 lbs. per □″ or can be specially made to blow off at 50 lbs. per □″.
Also supplied graduated on spindle to order.
Sizes : ½, ¾, 1 in.

No. B 2934
VACUUM VALVE
Gun Metal
All Sizes : ½ in. to 2 in.

No. B 2932
SAFETY VALVE
Gun Metal Body
Dead Weight Type.
Weighted to 33 lbs.
All Sizes : ¾ in. to 2 in.



No. B 3351
REDUCING VALVE

Suitable for boiler pressures up to 175 lbs. per □″.
and reduced pressures down to 5 lbs. per □″.

Sizes up to and including 1½ in., made in gun metal throughout.

All sizes are advisedly made with flanges so that the valve can be readily dropped out for repair. ½ in., ¾ in. and 1 in. are also supplied with screwed ends when required.

When ordering give the Boiler Pressure and the Highest Reduced Pressure desired.

SPECIAL FEATURES:

An efficient Reducing Valve—no liability to "stick."
Reduced pressure easily varied by hand wheel.

Sizes: ½, ¾, 1, 1¼, 1½, 2, 2½, 3 in.

No. B 3357 NATIONAL SAFETY VALVE

Size	Size of Inlet and Outlet B.S.P.	Radiating capacity of boiler for which valve is suitable	
		B.T.U. Water	B.T.U. Steam
17	½ in.	100,000	
18	¾ in.	900,000	80,000
19	1 in.	1,200,000	160,000
20	1¼ in.	1,500,000	260,000
21	1½ in.	1,800,000	400,000
22	2 in.	2,800,000	700,000
23	2½ in.	3,800,000	1,100,000
24	3 in.	Above 3,800,000	1,700,000

Spring Loaded, for water, steam or air.

No. B 3356 NATIONAL ENCLOSED SAFETY VALVE

For Hot Water Boilers.

Series No.	Socket Screwed B.S.P.	Suitable for Radiating Capacity B.T.U.
1	¾ in.	100,000
2	¾ in.	450,000
X3	1 in.	900,000
3	1 in.	1,200,000
X4	1¼ in.	1,500,000
4	1½ in.	1,800,000

No. B 3374

GUN METAL TANK GAUGE

Screwed ½ in. Male iron.

No. B 3380

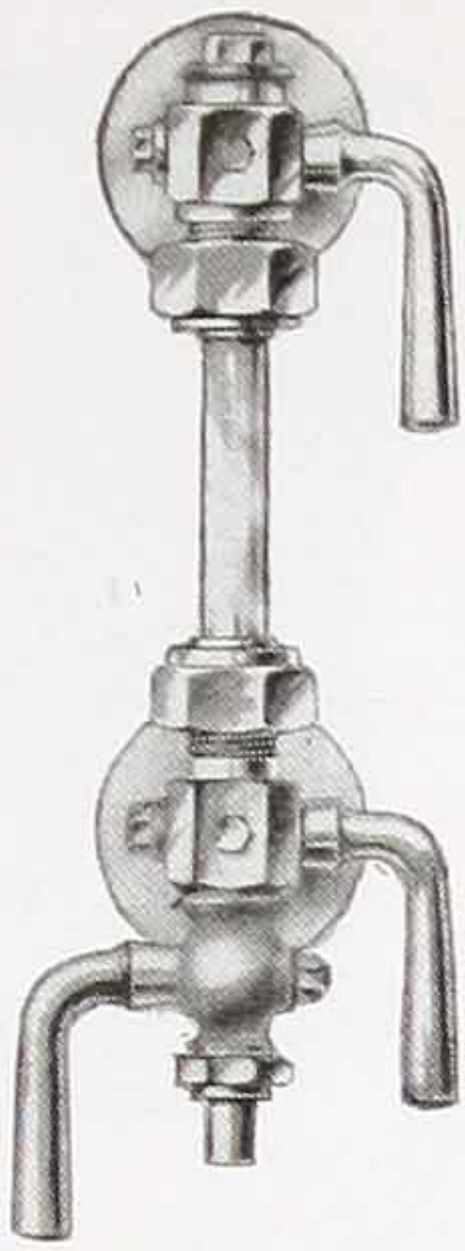
GUN METAL WATER GAUGE

Round barrel pattern. Screwed or flanged ends.

Sizes : ⅜, ½, ⅝, ¾ in.

When ordering please state distance centre to centre of holes in boiler.

For glass tubes only, see Page 179



No. B 3400

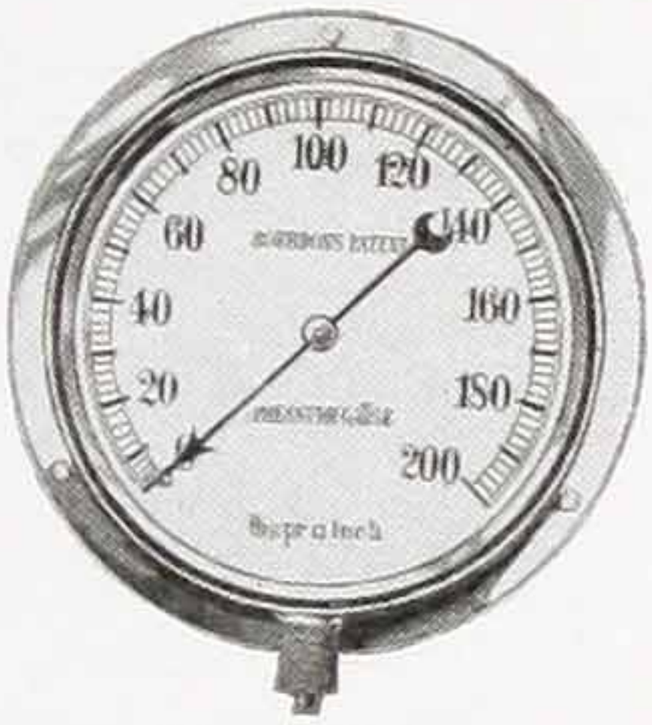
BOURDON PRESSURE GAUGE

Bevelled edge plate glass front.
To Register over 20 and under 400 lbs. per □".

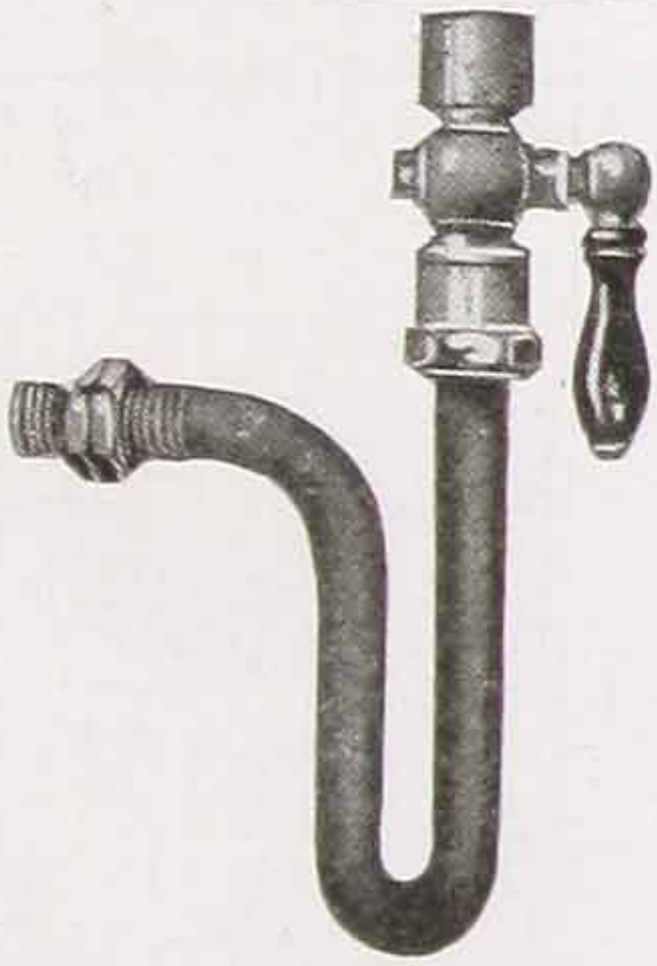
Sizes 3 in. to 8 in. screwed ⅜ in. gas.
,, 9 in. & 10 in. ,, ½ in. ,,

Diam. of dial—
3 4 5 6 7 8 9 10 in.

We also supply Vacuum Gauges, Compound Gauges, and Traction Engine Gauges, etc.



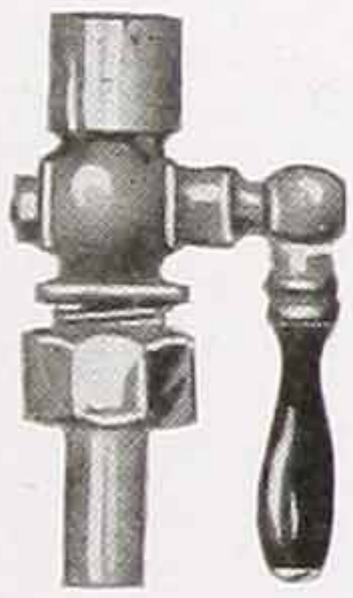
No. B 3400



No. B 3413

WROUGHT-IRON SIPHON

With brass gauge cock.
Sizes : ⅜ and ½ in.



No. B 3414

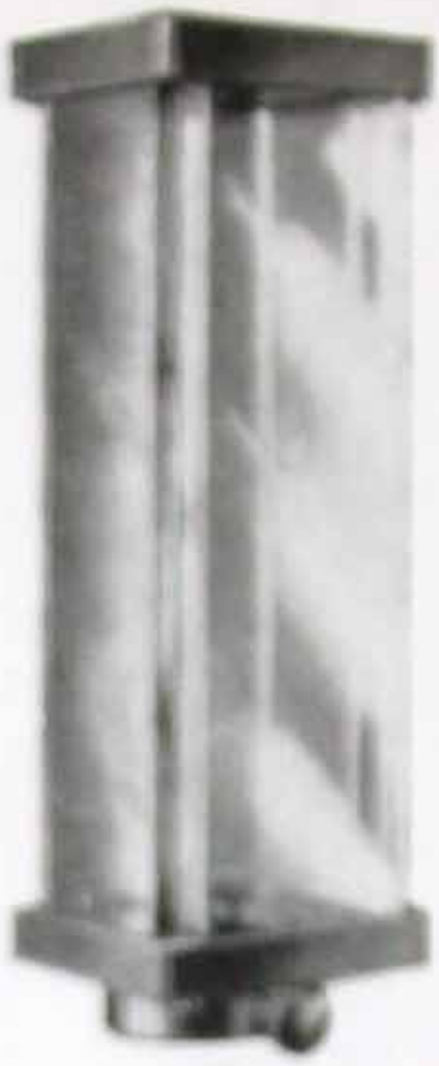
BRASS GAUGE COCK

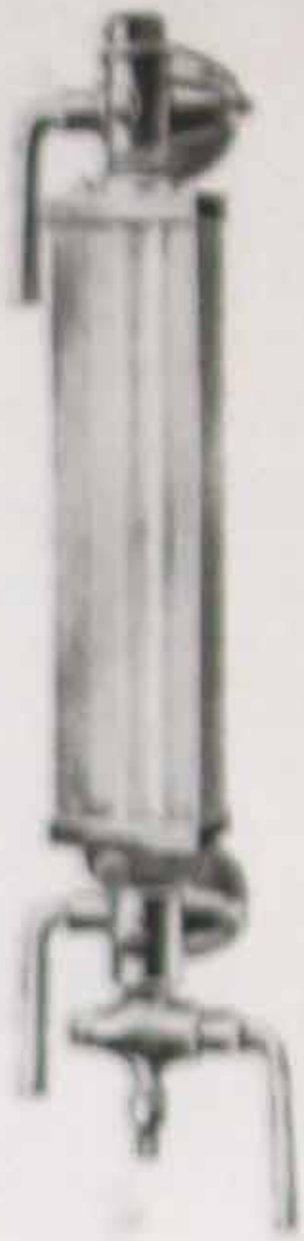
With nut and tail pipe.
Sizes : ⅜ and ½ in.

No. B 3415

BRASS GAUGE COCK

Wood handle.
Female ends.
Sizes : ⅜ and ½ in.





No. B 3386

WATER GAUGE GLASS PROTECTORS

With three glass sides.

To fit nuts up to 2¼ in. across corners.
(Also supplied to fit larger nuts ; prices on application.)

When ordering please state the distance at A, and the diameter across (corners, not flats) of the Glass Nuts at C, and depth of Nut at B.

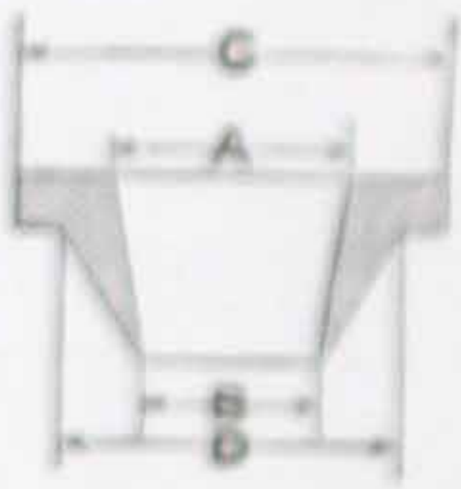
NOTE.—*When ordering* ; if the Stay Bolt Nuts are close to the Water Gauge Glasses send us a sketch showing position and distance from Glass to Nuts, both ways.

No. B 3386 SIZES

Clear distance between nuts of stuffing boxes A ...	6	7	8	9	10	11	12	13	in.
Clear distance between nuts of stuffing boxes A ...	14	15	16	17	18	19	20	21	in.

White-enamelled plates for back can also be supplied.

No. B 3392



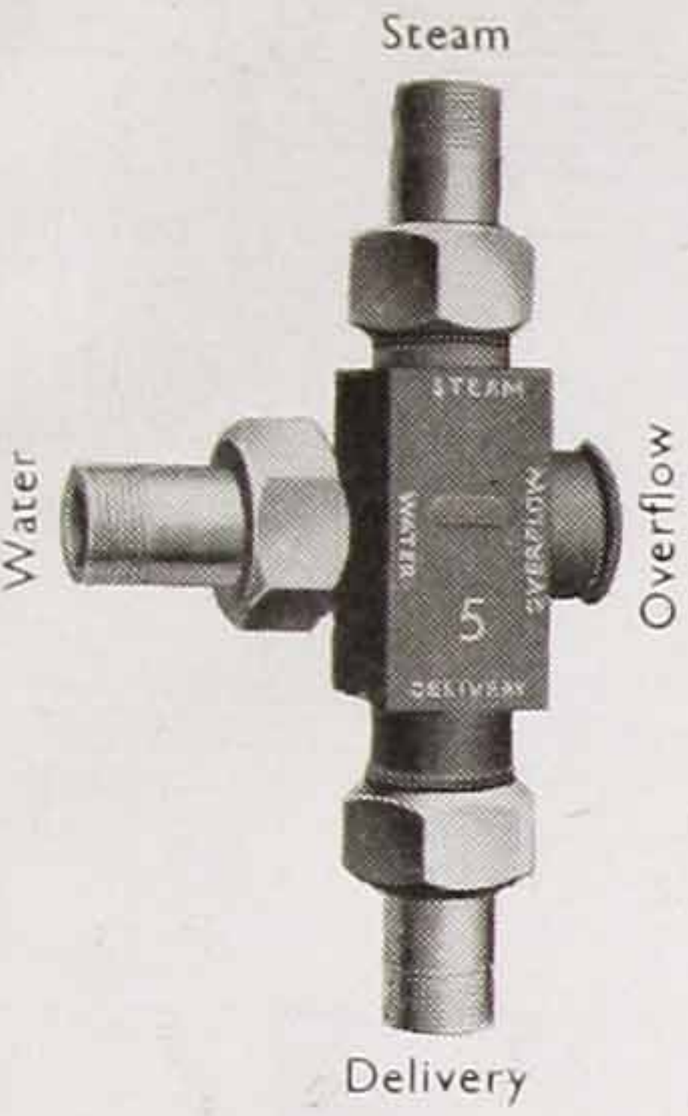
No. B 3396

No. B 3394

INDIA-RUBBER GAUGE WASHERS

B 3392. Round Pattern
B 3394. Square ,,
B 3396. Conical ,,

All above to suit glasses ½-in. to ¾-in. diam.
Special sizes quoted for on application.
When ordering give outside diam. of glass.



No. B 3345
SELF-ACTING RESTARTING INJECTOR

May be fixed vertically or horizontally

No. B 3346
EJECTOR

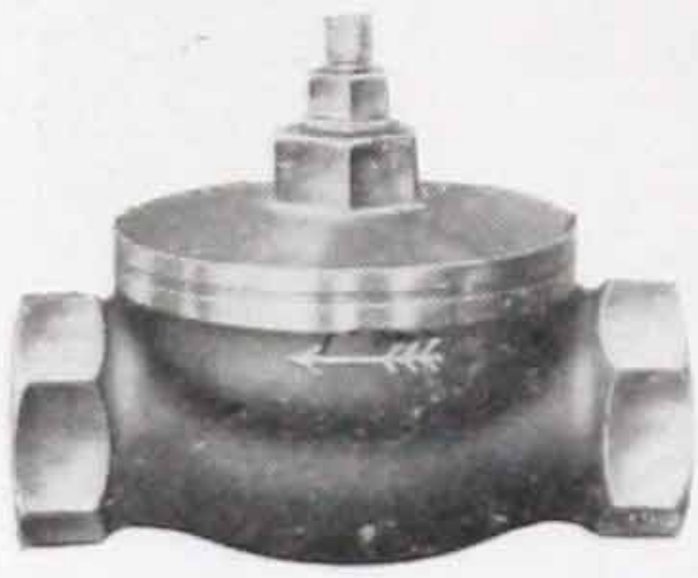
Suitable for filling and emptying tanks, raising and transferring liquids, etc.

No. B 3345
AUTOMATIC INJECTOR
Gunmetal

Size No.	Pipe Sizes	Maximum Capacities Feed 60°F., Lift 3 feet		
		30 lbs./sq. in.	50 lbs./sq. in.	100 lbs./sq. in.
	In.	Galls./hour	Galls./hour	Galls./hour
2	3/8	35	45	73
2½	1/2	60	80	110
3	1/2	95	125	180
4	3/4	175	225	315
5	1	270	350	495
6	1¼	390	505	715
7	1¼	530	690	970
8	1½	695	895	1270
9	1½	880	1135	1610
10	2	1085	1405	1985

No. B 3346
AUTOMATIC EJECTOR

Size No.	Pipe Sizes		Capacities			Steam Required
			Steam Pressure, 40 to 65 lbs./sq. in.			
	Steam Pipe	Suction and Discharge	3 feet Lift	25 feet Elevation	50 feet Elevation	At 60 lbs./sq. in.
	In.	In.	Galls./hour	Galls./hour	Galls./hour	Lbs./hour
1	3/8	1/2	250	175	120	48
2	1/2	3/4	500	380	250	90
3	3/4	1	850	650	400	155
4	1	1¼	1300	925	650	235
5	1	1½	1900	1500	970	350
6	1¼	2	3500	2600	1750	700
7	1½	2½	5700	3700	2500	950
8	2	3	9500	7200	4750	2000



No. B 3474

WELLDECK STEAM TRAP

With uncrushable diaphragm, suitable for all pressures from zero to 130 lbs. per □ in.

It is foolproof, self-venting, is wide open when cold, is easily adjustable and there can be no airlock, hammering, or vacuum in the pipeline when it is fitted.

Size B.S.P.	Discharge G.P.H. when set for 120 lbs. □" Water at 60° F.	Length
⅜ in.	120	3¾ in.
½ in.	200	4¼ in.
¾ in.	400	5 in.
1 in.	670	6¼ in.
1¼ in.	1130	8 in.
1½ in.	2000	8 in.
2 in.	3000	8 in.

No. B 3477

PIPELINE STRAINER

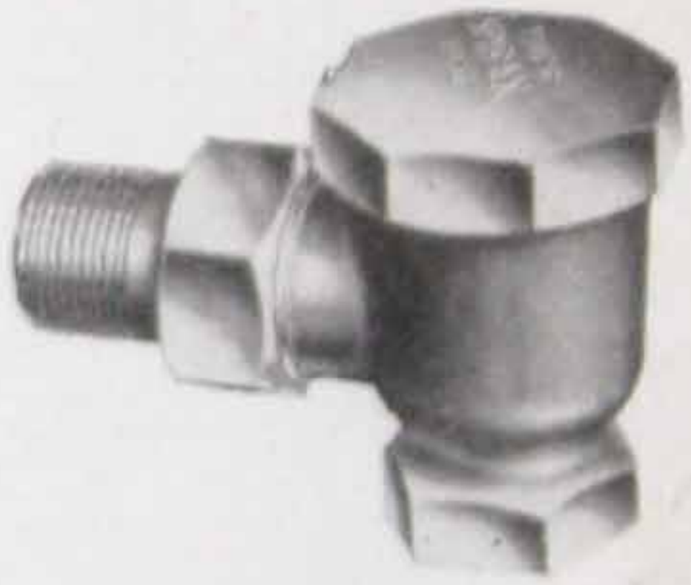
Designed for easy cleaning and to last indefinitely. The strainer element is fitted to permit the removal of the cleaning plug without the element being disturbed.

Constructed of gunmetal.

Sizes: ½, ¾, 1, 1¼, 1½, 2 in.

No. B 3478

SPIRAX STEAM TRAP



Low Pressure Pattern for steam pressures up to 15 lbs. per □".

High Pressure Pattern for steam pressures up to 40 lbs. per □".

A small well-constructed trap especially useful for radiators.

Thermostatic element and valve can be easily removed.

Size B.S.P.	Pattern	Discharge Capacities in lbs. per hour	
		at 40 P.S.I.	at 15 P.S.I.
½ in.	Angle	910	760
½ in.	Straight		
¾ in.	Angle		
¾ in.	Straight		

No. B 3473

INVERTED BUCKET TYPE STEAM TRAPS

For Pressures up to 125 lbs. □″

These traps are suitable for draining small unit heaters, radiators, small coils, jacketed pans, sterilizers, coffee urns, tea boilers, small calorifiers and coil heated tanks, small ironers and similar applications where an efficient, sharp-acting, automatic air-venting and reliable trap is required.

Bodies are of cast-iron, buckets brass ; valves and seats are made from chrome steel alloy, heat treated and stainless.

Where large quantities of air have to be discharged at frequent intervals, traps with thermic-strip air-vent should be specified. (Extra)

The capacities given represent the continuous discharge capacities of the traps ; a safety factor of 2 or 3, according to conditions, should be allowed to arrive at the normal working capacity.

Screwed ½ in. B.S.P.T.

Pressure pounds per □″	Capacities pounds per hour	Pressure pounds per □″	Capacities pounds per hour	Pressure pounds per □″	Capacities pounds per hour
5	460	40	550	90	630
10	570	50	590	100	640
15	640	60	620	110	650
20	690	70	660	120	660
25	460	75	675	125	665
30	500	80	690		

No. B 3476

SPIRAX BALL FLOAT STEAM TRAPS

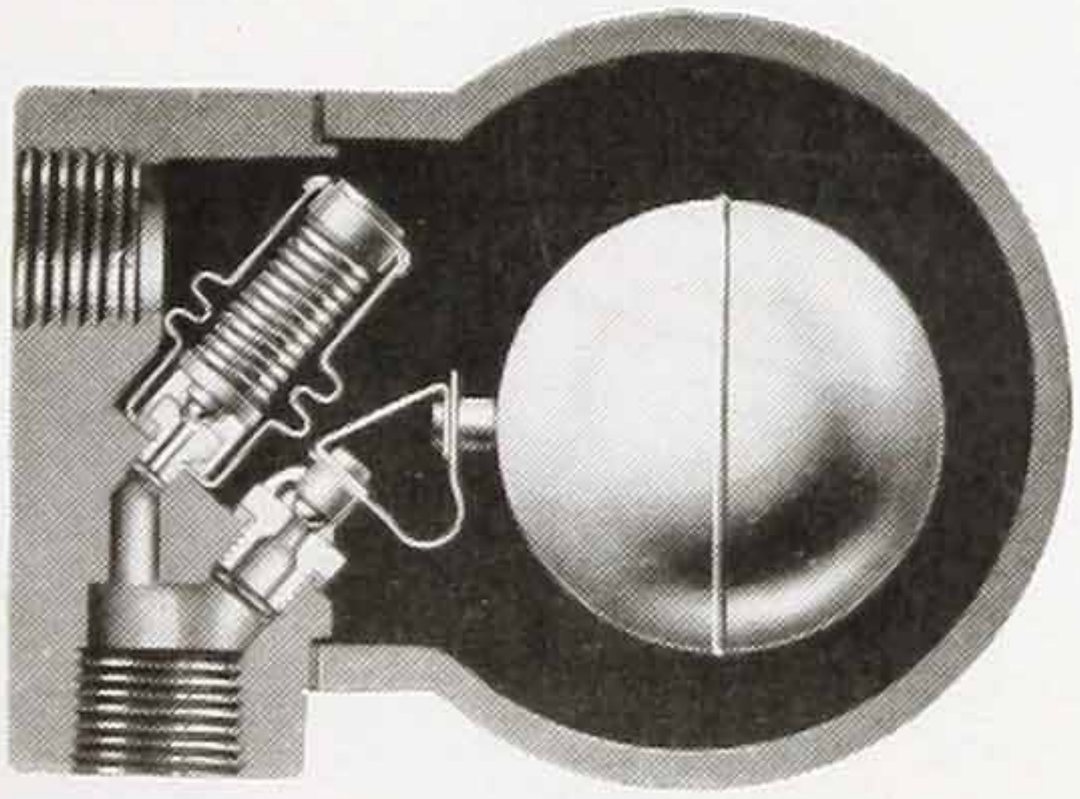
Type FT 51
for steam pressures up to 200 □″

Type FT 52
for steam pressures up to 120 □″

Type FT 53
for steam pressures up to 60 □″

Construction

Body of malleable iron with face plate of pressed non-ferrous alloy ; ball float, main valve and seat of stainless steel ; liquid-expansion type air release with valve and seat of stainless steel.



Size of Connections and Pattern No.	Pressure lb./sq. in.	Discharge Capacity lb./hour	Weight	Length in.
½ in. ½ in. FT-51	0–200	555	4 lb. 5 oz.	5 5/16
¾ in. ¾ in. FT-52	0–120	881		
1 in. 1 in. FT-53	0–60	1370		

No. B 3571

ZENITH HIGH-PRESSURE VALVE TWIST PACKING

Used for the packing of valve spindles or for stuffing boxes where the packing section is small. Will withstand very high pressures.

Supplied in 1-lb. spools. Boxed.

Sizes : $\frac{1}{16}$ in. and upwards.

No. B 3572

LOMOTO HIGH-PRESSURE STEAM PACKING

Is primarily designed to withstand the highest superheated steam temperatures and pressures, but it can also be used as a packing against either alkalies or weak acids.

Supplied in 7-lb. boxes.

Round or square section.

Sizes : $\frac{1}{4}$ in. and upwards.

No. B 3602.

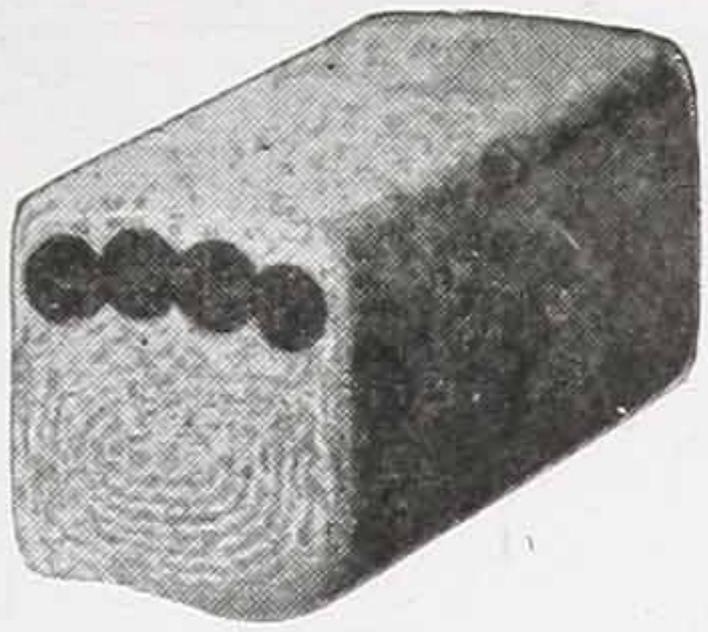
ASBESTOS YARN

Can be used for the lagging of small pipes, as a low pressure packing, and as a jointing medium in patent glazing etc.

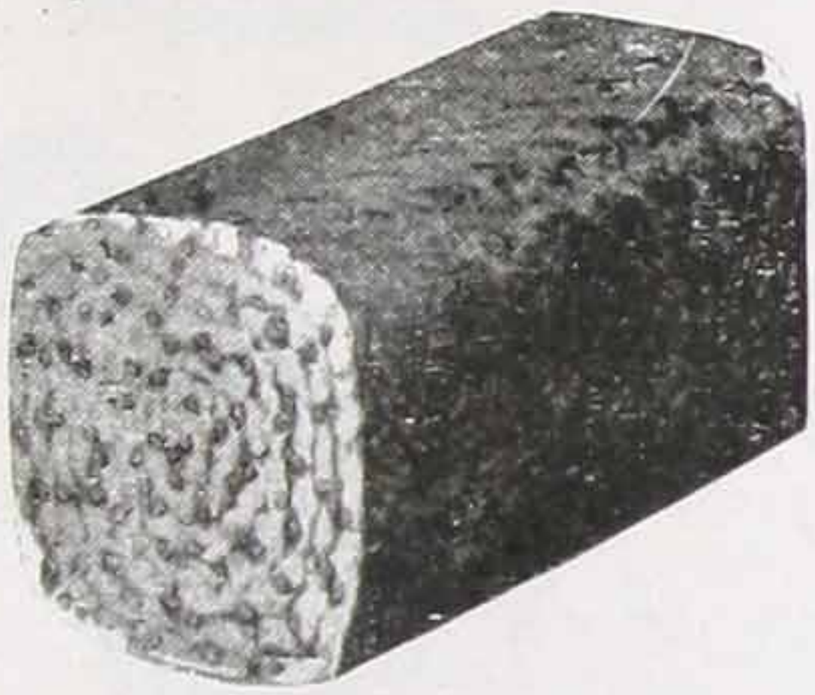
Supplied 1 ply and upwards.

PACKINGS

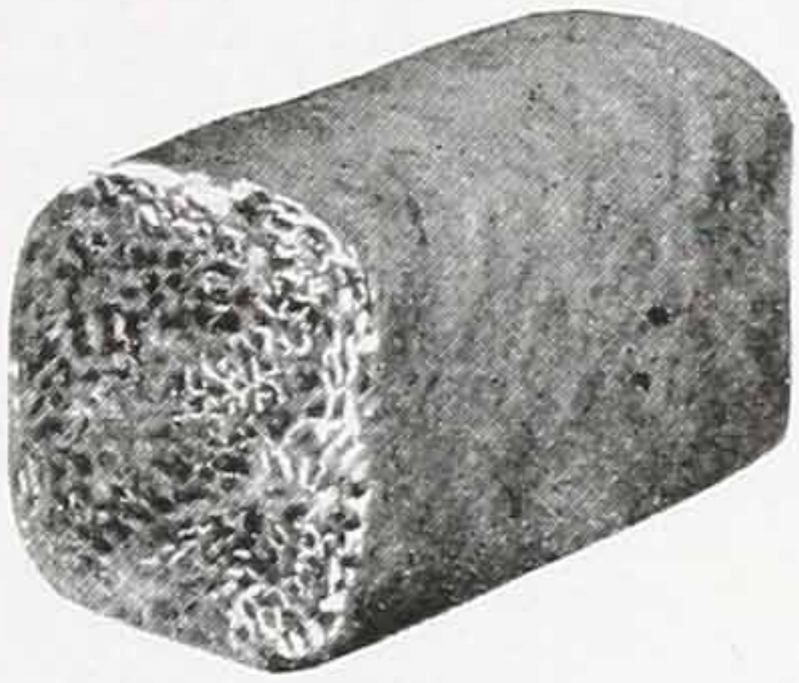
No. B 3581
ASBESTOS IMPERIAL BLOCK PACKING
For high-pressure steam.
Supplied in 60-ft. coils.
Sizes ¼-in. sq. and upwards.



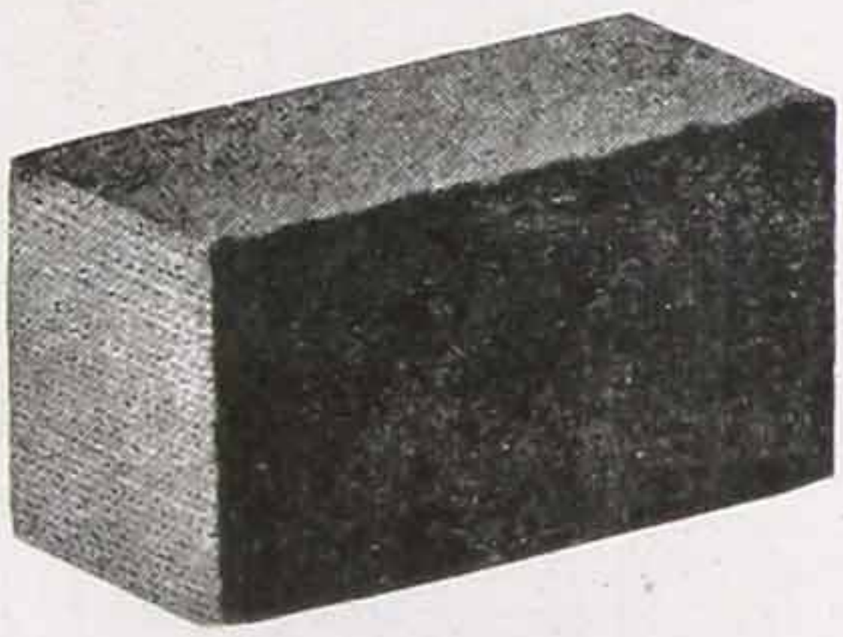
No. B 3582
ASBESTOS MULTICORE PACKING
For high-pressure steam.
Supplied in 60-ft coils.
Sizes : ¼-in sq. and upwards.



No. B 3584
ASBESTOS AND WHITE METAL CLOTH PACKING (GRAPHITED)
Supplied in 60-ft. coils.
Sizes : ¼-in. sq. and upwards.



No. B 3592
LUBRICATED HYDRAULIC PACKING
X and XX Quality.
Sizes : ¼-in. sq. and upwards.
7 to 28 lb. coils according to size.
X quality XX quality (White)



No. B 3573
COTTON PARAGON PACKING
Particularly suitable for hot water.
Sizes : ¼-in. sq. and upwards.
Supplied in 12-ft. coils.

No. B 3574
CANVAS PACKING WITH RUBBER CORE
X and XX Quality.
Sizes : ¼-in. and upwards.
Supplied in 60-ft. coils.

The following can also be supplied :

No. B 3576. ASBESTOS PLAITED PACKING
Plaited throughout.

No. B 3552

BEANCO COMPRESSED ASBESTOS FIBRE JOINTING

(British made)

Suitable for all pressures up to 250 lbs. per □".
Can be supplied any thickness from
$\frac{1}{32}$-in. upwards. Red Colour.

In sheets 40-in. × 40-in., 48-in. × 48-in., and 60-in. × 60-in.

No. B 3554

CORRUGATED METALLIC PACKING RINGS

In Brass, Copper, or Nickel,
for Joints of all Shapes and Sizes.

In making a joint, one of the corrugated rings is laid along with the cement on the inner part of surface of the flange, clear of the bolts. In screwing up the joint, the ridges of the corrugations yield to it, and take the impressions of all the irregularities on the surfaces of the flanges, thus making it impossible for any ordinary high pressure from either steam or water to penetrate the joint.

PRICE OF RINGS

Rings are charged at the rate of **One Penny per inch** of the inside diameter, *subject to current plusages*, the following width of flange being allowed :—

Inside diameter ½ in. to 3 in., Rim allowed 1 in. each side.
" " above 3 in. to 5 in., Rim allowed 1¼ in. each side.
" " above 5 in. to 9 in., Rim allowed 1½ in. each side.
" " above 9 in., Rim allowed 2 in. each side.

All above these sizes of Rims charged as extra measurement on the inside diameter of Ring, and if the Rings are very wide and combine two of our ordinary sizes, we charge then 1 in. off the outside diameter of Ring.

Rings are manufactured up to any size or design.

Price of Squares, Oblongs, and all Special Shaped Joints on application.

In ordering Rings, please state inside diameter of pipe, and inside diameter between bolts of flange. If the Rings are required to cover the entire breadth of flange, please give the inside and outside diameter of the Rings, the number and size of bolt holes and the pitch circle.
In ordering Ovals, Oblongs, and Squares, give also inside width and length, and outside measurements.

PACKINGS, Etc.

We also supply Jenkins' and Hallite packings. Prices on application.
Packing rings and joints in any shape and thickness supplied to order.

No. B 3600

BEST SHEET RUBBER

With or Without Insertion,
for Washers or Cistern Valves.
and
RUBBER STEAM SHEETING

BAXENDALE & CO. LTD.

No. B 3594

PROOFED ASBESTOS TAPE

Sizes : $\frac{1}{2}$ in. $\times$ $\frac{1}{8}$ in. and upwards.

Supplied in 100-ft. coils.

No. B 3596

PROOFED ASBESTOS RINGS

Standard manhole and mudhole sizes.

2-in. and up to 8-in. inside dia. with not less than $\frac{1}{2}$-in. flange $\times$ $\frac{1}{8}$-in. thick. From 8-in. to 18-in. inside dia. with not less than 1-in. flange $\times$ $\frac{1}{8}$-in. thick.

No. B 3598

PROOFED ASBESTOS SHEETING

In rolls 40/42 in. wide.
Thickness $\frac{1}{16}$ in. and upwards.

ASBESTOS MILLBOARD

In sheets 40 $\times$ 40 in.
Thickness $\frac{1}{32}$ in. to $\frac{1}{2}$ in.
Other size sheets to order (extra).

Other Asbestos Products supplied include the following :

ASBESTOS FIBRE-FILLED ROPE LAGGING

Supplied in 100-ft. coils.

NON-METALLIC AND METALLIC CLOTHS

Woven in 45-yard rolls.

CLOTHS CONTAINING WHITE-METAL WIRE

Woven in 25-yard rolls.

UNION CLOTHS

Woven in 50-yard rolls.

Standard width of above 40/42 in.

ASBESTOS WOVEN WEBBING

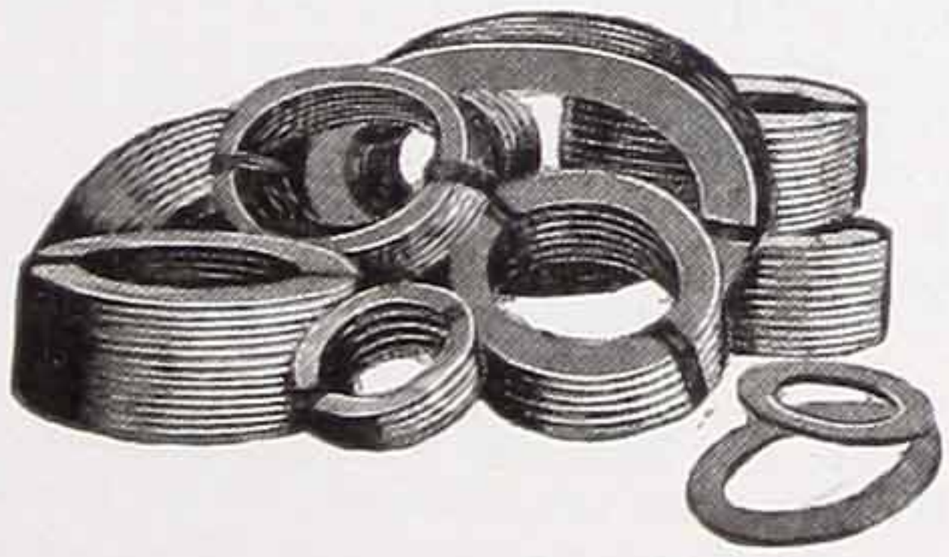
Suitable for the lagging of pipes carrying steam and hot liquids, for the wrapping of exhaust pipes and for certain classes of electrical installation. This material is supplied in widths from $\frac{1}{2}$-in. to 12-in. and in thicknesses from $\frac{1}{32}$-in. to $\frac{3}{16}$-in. The length of the roll depends upon the thickness of the webbing.

No. B 3604

RUBBER WASHERS

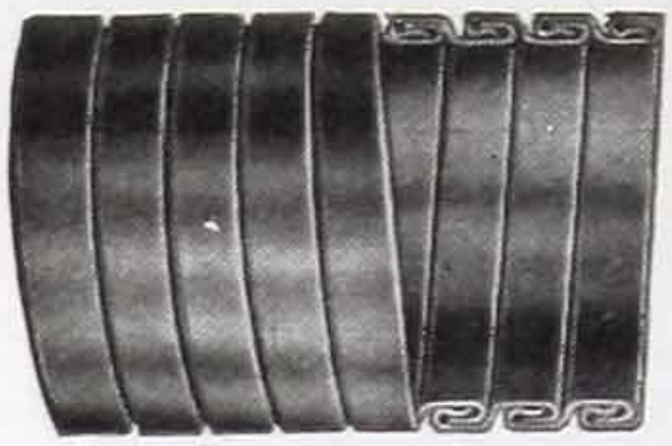
Steam quality.

All Sizes



LIVERPOOL · EDINBURGH · DUBLIN

FLEXIBLE METALLIC TUBING AND FITTINGS



No. B 3498

Bronze interlocked flexible tube for steam.
Will stand a working pressure of 300 lbs. per □″.

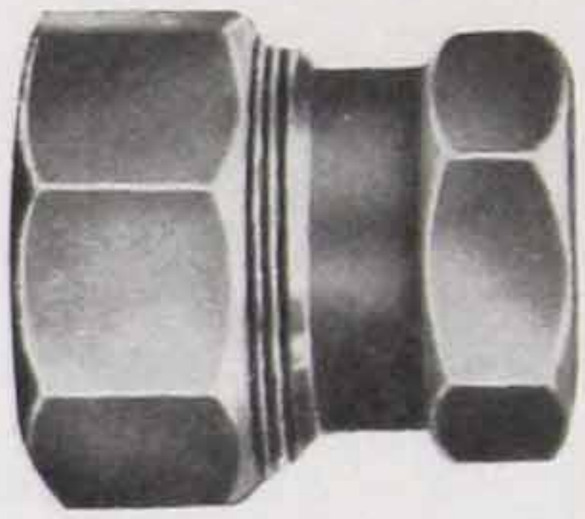
No. B 3500

Steel interlocked flexible tube.
Suitable for high-pressure suction or delivery of tar, naphtha, petroleum and compressed air.

No. B 3501

Steel galvanized flexible metallic A.P.R.P. tube for motor exhaust, hot air, etc.

GUN METAL CONNECTIONS
for flexible Metallic Tubing



No. B 3503

Suitable for B 3498 bronze tube with iron pipe threads.

No. B 3504

Suitable for B 3500 steel tube with iron pipe threads.

NOTE—It is most important that suitable connections are used with flexible tubing, and we recommend customers to have these fitted at the works before delivery.

This work is done free of charge if tubing and fittings are supplied together.

No. B 2909

No. B 2910

No. B 2911

CAST-IRON FULLWAY SLUICE VALVES

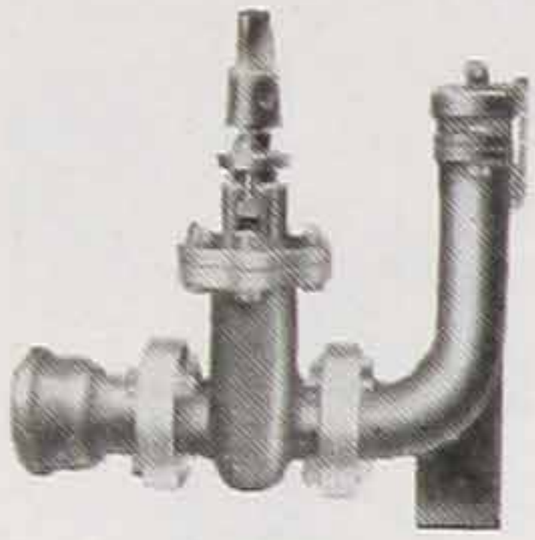
Solid wedge. Inside screw. Standard Heavy Pattern.
Spindle of high tensile bronze with gunmetal renewable wedge nut. Renewable valve seating rings and wedge rings of gunmetal.
Every Valve is tested to 350 lbs. hydraulic pressure per □″ and proved sound before dispatch.
B 2909—Standard heavy pattern, double socket ends supplied in sizes 2 in. to 12 in. inclusive.
B 2910—Standard heavy pattern hexagon nuts screwed female, supplied in sizes 1½ in. to 10 in. inclusive.
B 2911—Standard heavy pattern, flanged ends, supplied in sizes 1½ in. to 16 in. inclusive.

Working Water Pressures

Up to and including 7 in. size suitable for 150 lbs. per □″.
8 in. size and upwards suitable for 185 lbs. per □″.
All the above valves can be fitted with cast-iron hand wheel or cap at the same prices.

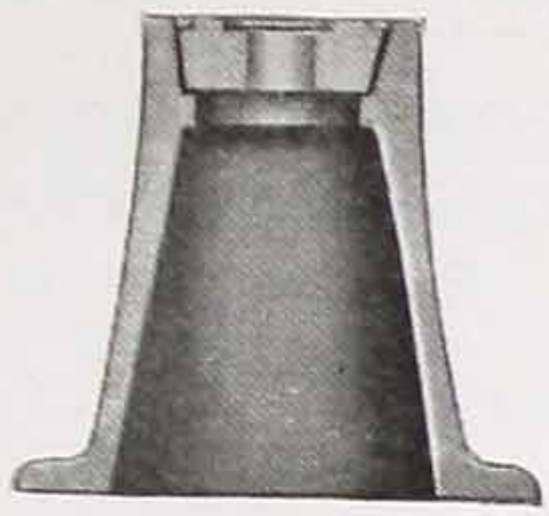
BAXENDALE & CO. LTD.

FIRE HYDRANTS, GROUND BOXES, Etc.



No. B 2923
SLUICE VALVE FIRE HYDRANT

Comprising sluice valve with forged manganese bronze spindle.
Socket or spigot can be bolted to inlet.
The short sweep duck-foot bend can be fitted with frost valve, if required.
Standard inlet sizes—2-in., 2½-in. and 3-in.



No. B 2918
GROUND BOX

Cast-iron.
For Sluice Valves.
Size Overall :
11¼-in. diam.
9½-in. deep.
with 3½-in. dia.
Clear Opening.

No. B 2924
SPINDLE HYDRANT

With loose stopper and gunmetal outlet screwed.
Inlet sizes—2½-in. and 3-in.
Can be fitted with frost valve or frost plug as desired.

Both hydrants illustrated above are supplied with outlets screwed Old London Brigade Standard unless otherwise specified.
Valves are fitted with forged manganese bronze spindle and gunmetal internal parts.

No. B 2915
TURNCOCK KEY

30 in. long.
Finished Black or Bright.

No. B 2922
POKER

20 in. long.
Finished Black or Bright.

No. B 2921
HYDRANT LID KEY
Galvanized.

No. B 2919
GROUND BOX

Cast-iron.
For Ball Hydrants.
Size of Base :
12½-in. × 11½-in.
Clear Opening :
5¾-in. × 4¾-in.
Depth : 7-in.

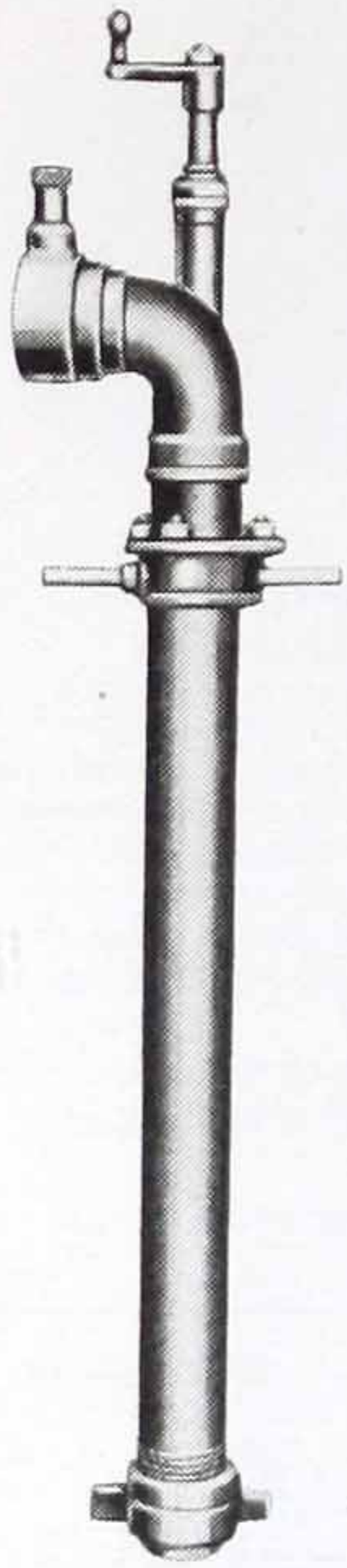
No. B2916
SCOURING KEY

For Ball Hydrants.

Special Quotations will be given for any type of Fire Hydrant or Ground Box on receipt of a specification.

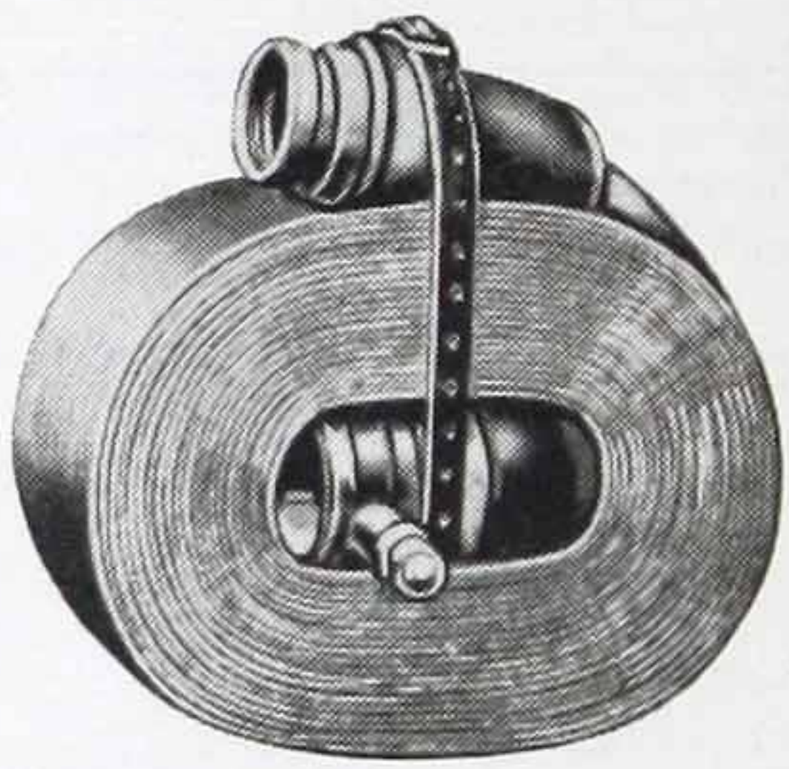
LANCASTER · LEEDS · BLACKPOOL

FIRST AID FIRE APPLIANCES



SINGLE SWIVEL
VALVE HYDRANT.
Bayonet or Round
Thread

STAND PIPES
Swivel Head for
BALL or VALVE
HYDRANTS



No. G 6977

No. G 6978

"BEANO" FIRE HOSE SEAMLESS WOVEN FROM PURE FLAX YARN

For Fire Brigade Use.

12-STRAND

Light weight pure flax Fire Hose, shrunk and burnettised as a preservative. Suitable for light work, washing down and flushing purposes.

18-STRAND

Made from selected flax yarn shrunk and burnettised, most suitable for use in mills, warehouses, etc. Guaranteed to withstand 400 lb. pressure per square inch.

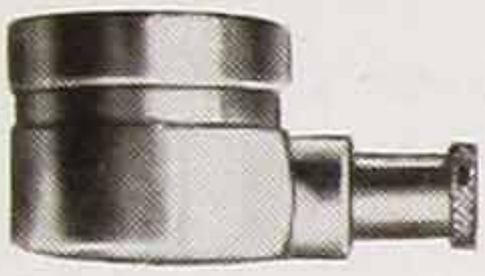
24-STRAND

Extra heavy pure flax Fire Hose, 9-ply warps, specially recommended for Fire Brigade use. Guaranteed to withstand 500 lb. pressure per square inch. Genuine hand-woven, made solely from the finest long staple flax yarns, 24-strand weft 9-ply warps, shrunk and burnettised. The finest hose woven, as supplied to many leading Fire Brigades.

MEASUREMENT OF HOSE WHEN FLAT

Internal diam.	...	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4 in.
Flat width	...	$1\frac{3}{8}$	$1\frac{3}{4}$	$2\frac{1}{8}$	$2\frac{1}{2}$	3	$3\frac{3}{8}$	$3\frac{3}{4}$	$4\frac{1}{8}$	$4\frac{1}{2}$	$4\frac{7}{8}$	$5\frac{1}{4}$	$5\frac{5}{8}$	$6\frac{1}{8}$	$6\frac{1}{2}$ in.

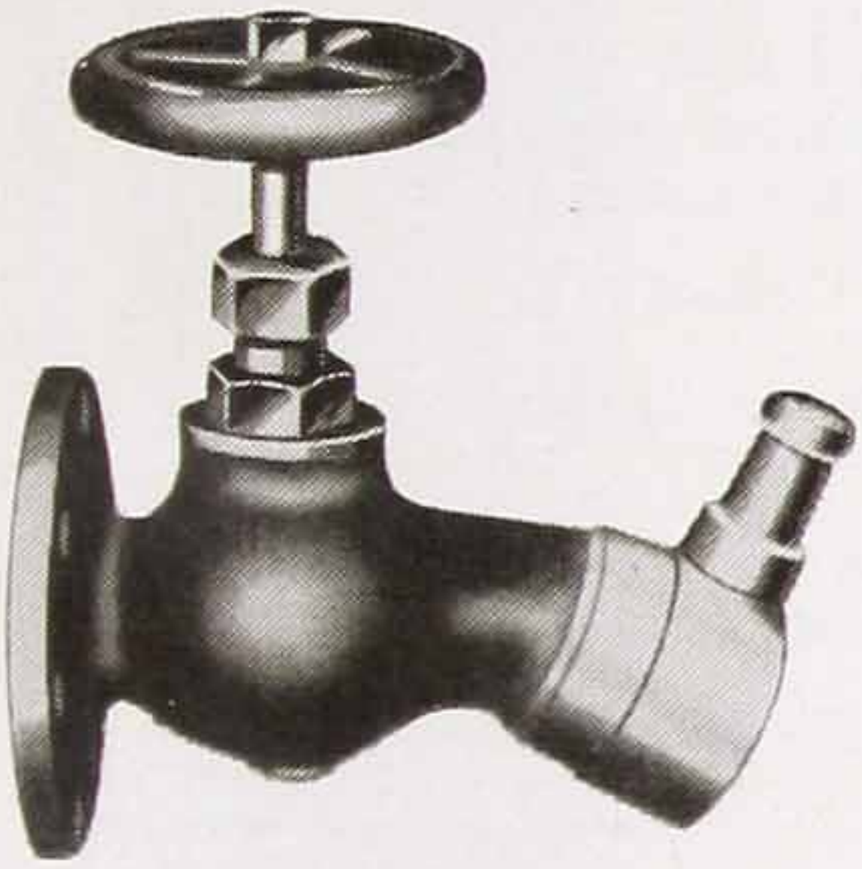
FIRST AID FIRE APPLIANCES



No. G 6995
GUNMETAL CONNECTOR
screwed female, to instantaneous female.

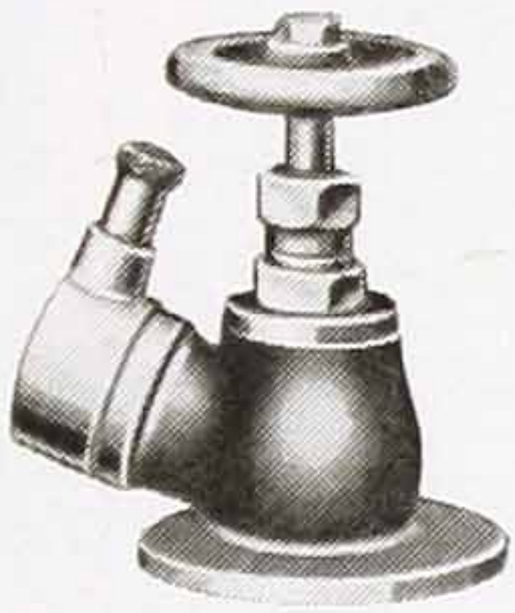
No. G 6996
BRANCH PIPE
18 in. long, to suit instantaneous hose couplings.

No. G 6997
BRANCH PIPE
18 in. long, screwed bottom.



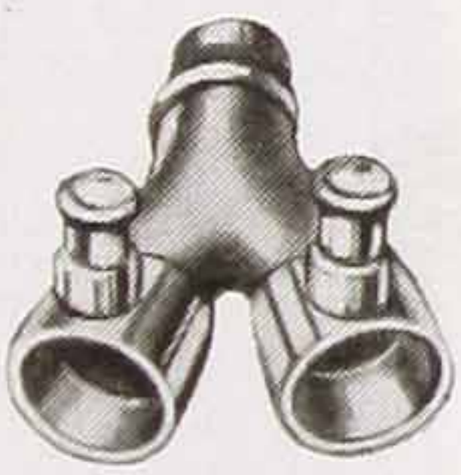
No. G 6986
FIRE VALVE
(Obtuse Pattern)
With polished body and gunmetal wheel.

No. G 6987
With painted body and cast-iron wheel.



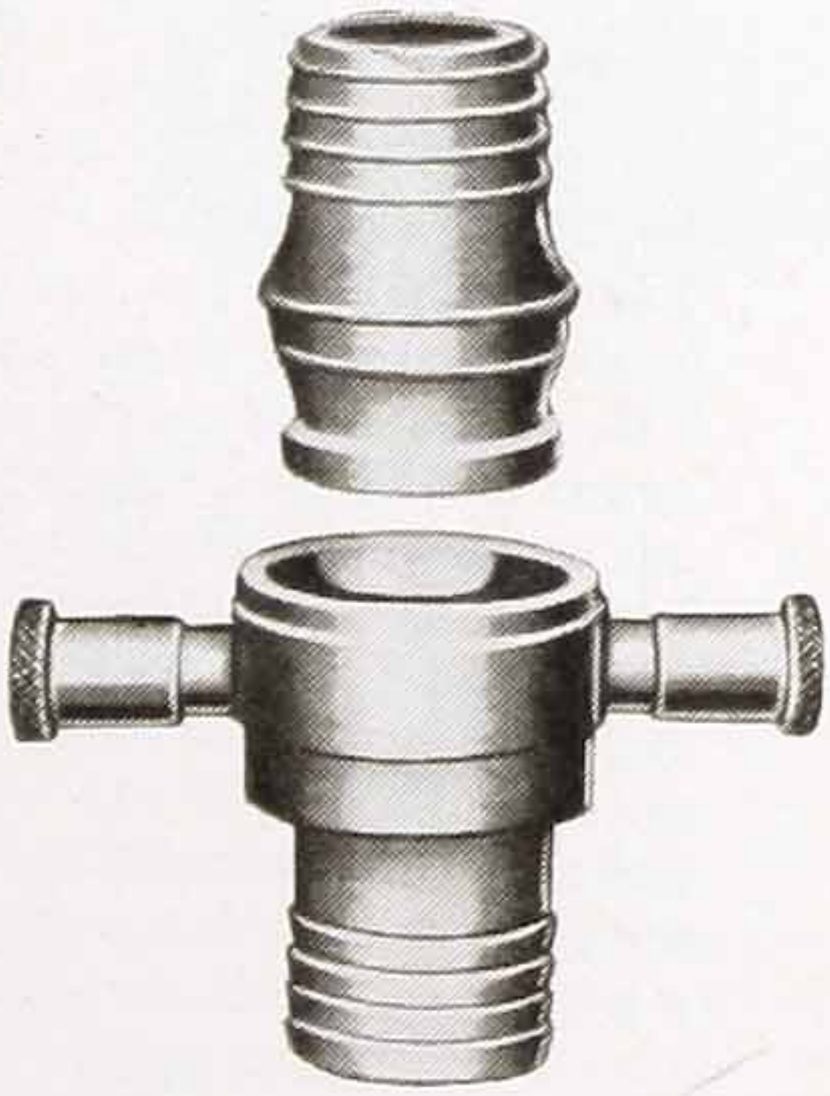
No. G 6992
FIRE VALVE
(Oblique Pattern.)
With polished body and gunmetal wheel.

No. G 6993
With painted body and cast-iron wheel.

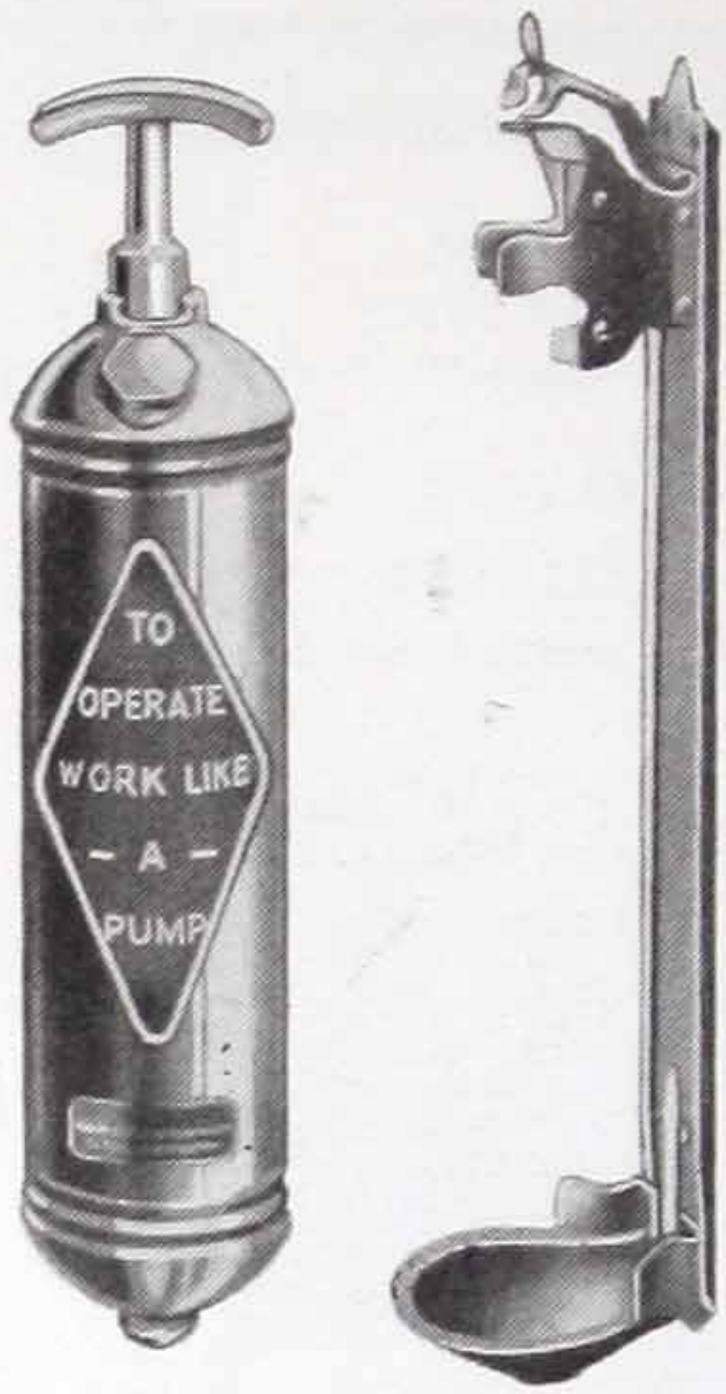


No. G 6994
BREECHING PIECE
Instantaneous dividing breeching piece.

No. G 6983
INSTANTANEOUS COUPLING
$2\frac{1}{2} \times 2\frac{1}{2}$ in. instantaneous.
$2\frac{1}{2} \times 2$ in. tails.
$2\frac{1}{2} \times 2\frac{3}{4}$ in. tails.



FIRE PROTECTION IS SELF PROTECTION



"BEANO" PUMP TYPE
Fire Extinguisher

For Motor Cars and Commercial Vehicles.

Strongly Constructed. Standard Size. The fluid is expelled by means of a strong double-action Pump, which throws a continuous stream a distance of 20 feet.

"Beano" fluid will not damage the most delicate fabric, neither will it corrode nor freeze.

Size: 14 × 3 in.

Approximate weight when charged 6 lb.

Polished Brass or Chromium-Plated including Steel Bracket.

Quart or Pint Capacity.

"BEANO" FOAM TYPE

For Fighting Oil and Liquid Fire

The simplicity and ease in operating the "Beano" Foam Type Extinguisher, is an outstanding feature. To operate—**Turn upside down**—immediately a thick and tenacious Fire-Fighting Foam is produced, capable of dealing with the most dangerous and difficult type of fire, such as Petrol, Oil, Tar, etc.

Two harmless dry powders dissolved in water make the charging solutions. The moment these solutions come in contact they expand eight times their own volume, at the same time imprisoning the carbonic acid gas which is generated. It is due to this combined action that the Foam acts on a two-fold principle, it kills the flames with the carbonic acid gas, and smothers the fire with a thick fireproof covering. 2 gall. capacity, including charge.

Refills extra.

BAXENDALE & CO. LTD.

"BEANO" FIRST AID FIRE EXTINGUISHERS

SODA ACID TURNOVER TYPE

2-gallon capacity
(including charge).
Refills extra.

SODA ACID CONICAL TYPE

(including charge).

1 or 2-gallon capacity.

Refills extra.

SODA ACID TYPE
for use in WORKS, MILLS, FACTORIES, etc.
PRICES ON APPLICATION

These appliances are constructed to comply with the British Standard Institution Specification, they are also passed and approved by the Fire Officers' Committee for General Protection. They are manufactured in Great Britain from heavy gauge steel, lead coated inside and out, before and after manufacture—tested to 350 lb. pressure. Finished in Cellulose Fire Red, and have attractive transfers, giving full working instructions.

The charges are made from the finest chemicals obtainable, and when brought into use produce one of the most powerful fire fighting jets ever obtained from chemical fire extinguishers, throwing a stream of fire-killing fluid a distance of 25 to 30 feet.

LANCASTER · LEEDS · BLACKPOOL

FIRST AID FIRE APPLIANCES

No, G 6999

FIRST AID FIRE HOSE REEL

Made in Various Sizes to hold any length of ¾ in. or 1 in. Bore Delivery Hose from 60 ft. to 120 ft.

FIRE BUCKET BRACKETS
No. G 6963

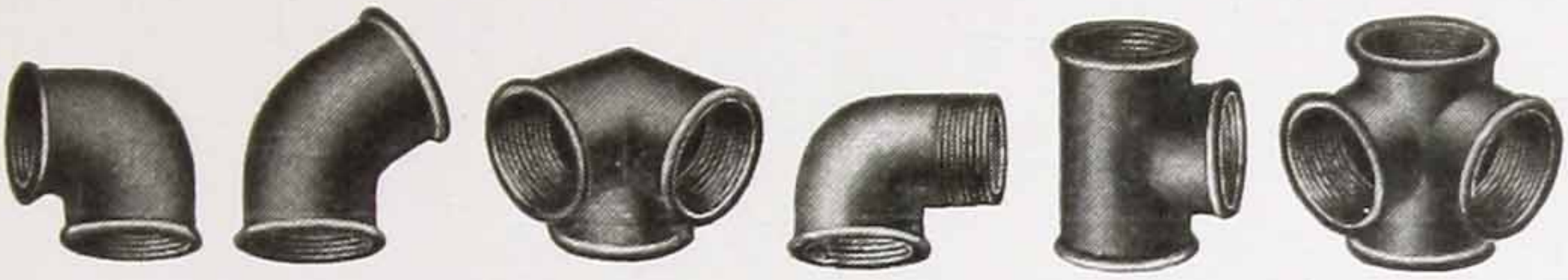
No. G 6960. BUCKET

Well galvanized, then painted two coats (White) inside, and two coats (Red) outside, and lettered "FIRE" in 2-in. block letters.

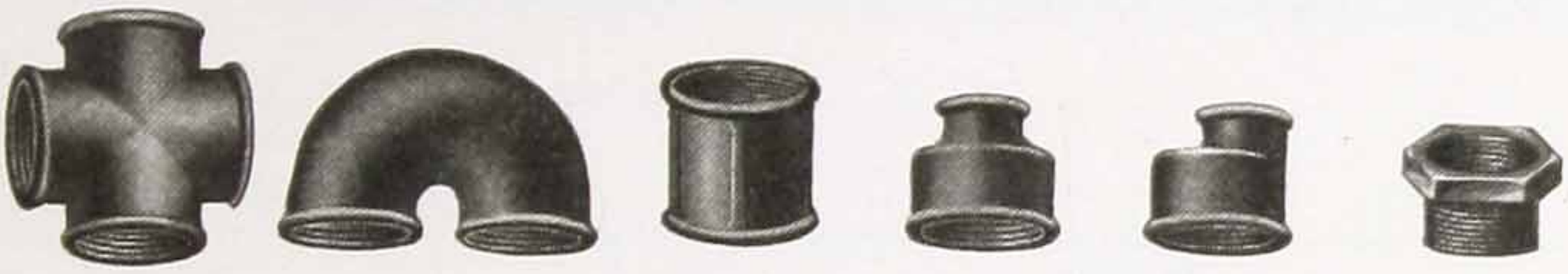
12 in. diameter at top.

BAXENDALE & CO. LTD.

MALLEABLE IRON FITTINGS
BEADED



RW 90 Elbow | RW 120 Elbow 45° | RW 221 Elbow Side Outlet | RW 92 Street Elbow | RW 130 Tee | RW 223 Tee Side Outlet



RW 180 Cross | RW 60 Return Bend Open | RW 270 Socket Straight | RW 246 Socket Diminished | RW 260 Socket Eccentric | RW 241 Bush

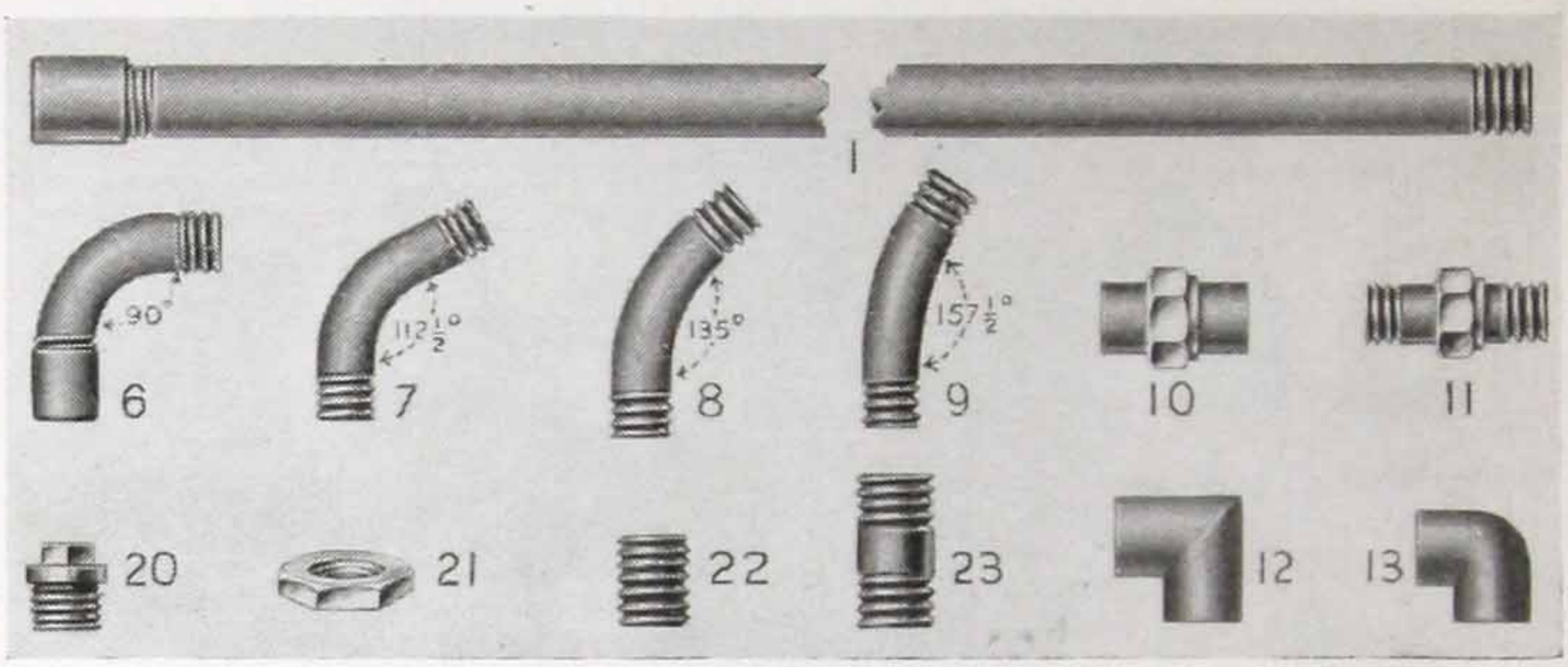
RW 96 Union Elbow | RW 828 Bracket | RW 827 Bracket | RW 860 Clip | RW 340 Hex. Union

No.	¼	⅜	½	¾	1	1¼	1½	2	2½	3	In. Each
RW 60	1/1	1/5	1/6	2/5	3/6	5/–	7/–	11/–	17/6	23/6	
RW 90	6½d.	8½d.	9½d.	1/2½	1/8½	2/7	3/6	5/–	9/–	14/–	,,
RW 92	7½d.	9½d.	11d.	1/4	1/11	2/10	3/7	5/6	10/–	16/–	,,
RW 96	2/1¼	2/7¼	3/–	4/–	5/2½	7/4¾	10/–	14/–	25/–	40/–	,,
RW 120	6½d.	8½d.	10d.	1/3	1/9	2/8	3/6	5/–	9/–	14/–	,,
RW 130	8½d.	9½d.	1/–	1/5	2/–	2/10	4/–	5/6	10/–	16/–	,,
RW 180	1/–	1/2½	1/5	2/–	2/10	3/8	5/3	7/3	12/–	19/3	,,
RW 221	1/–	1/3	1/5	2/3	2/11	4/5	6/–	8/–	—	—	,,
RW 223	1/3	1/5	1/10	2/8	3/8	5/–	7/–	9/6	—	—	,,
RW 246	5d.	5½d.	7d.	9d.	1/–	1/6	2/–	3/–	4/10	7/9	,,
RW 241	4½d.	5d.	6d.	8d.	11d.	1/5	1/10	2/9	4/6	7/–	,,
RW 260	—	7½d.	9½d.	1/–	1/5	1/10	2/5	3/3	5/3	8/6	,,
RW 270	4½d.	5d.	6d.	8d.	10½	1/4	1/10	2/8	4/5	7/–	,,
RW 340	2/1¼	2/4¾	2/10¾	3/7¼	4/4¾	5/9½	7/9½	11/–	19/6	31/6	,,
RW 827	9d.	9½d.	10d.	1/1	1/6	2/–	2/7½	3/9	6/–	6/9	,,
RW 828	6½d.	7d.	8d.	10d.	1/2	1/7	2/–	2/9	4/–	5/6	,,
RW 860	2¼d.	3½d.	4d.	4¼d.	4½d.	5d.	5½d.	7½d.	—	—	,,

Prices subject to current plusages.

PRICES AND ILLUSTRATIONS OF MALLEABLE IRON RAILING FITTINGS SENT ON APPLICATION.

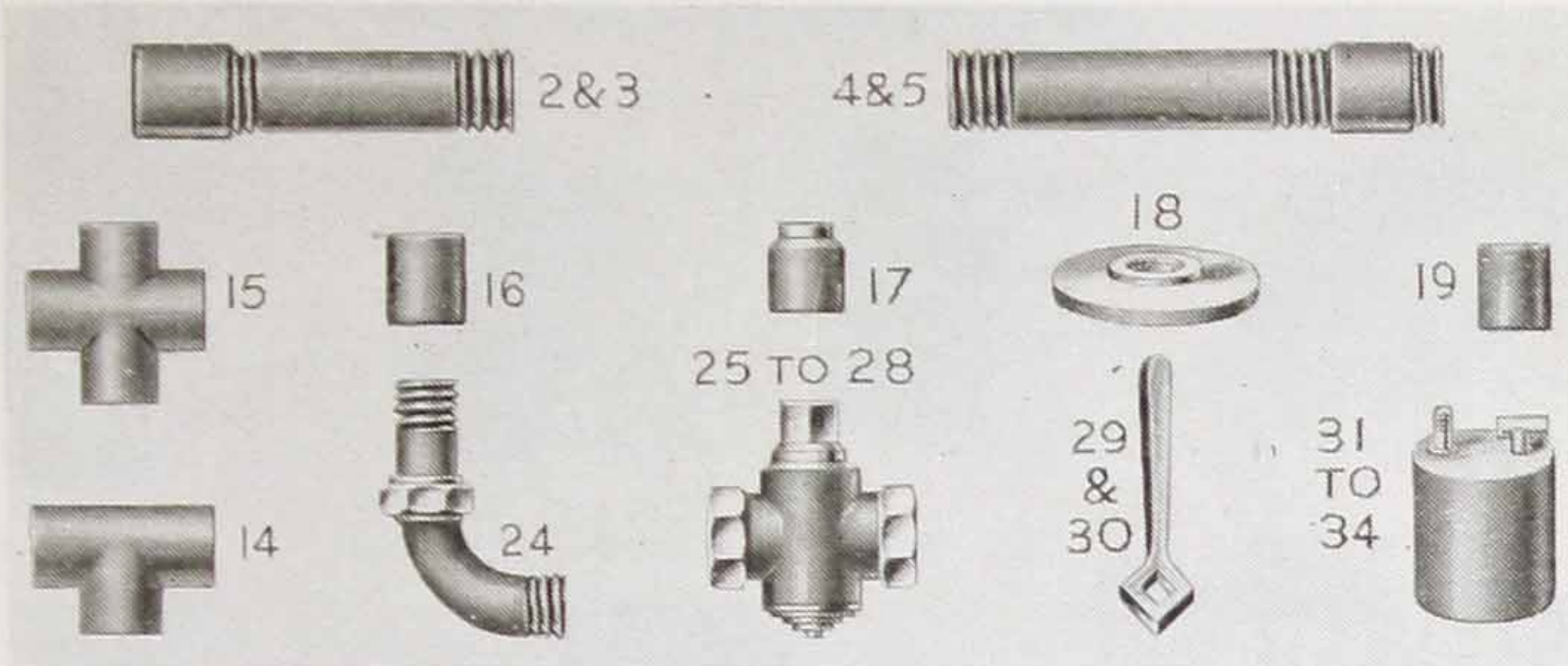
LIVERPOOL · EDINBURGH · DUBLIN



STANDARD LIST OF WROUGHT
For GAS, STEAM
Issued 1st January, 1921

No.	Nominal Internal Diameter in Inches		⅛ & ¼	⅜	½	¾
	TUBES					
1	Tubes, 2-ft. long and over	per ft.	4d.	4¼d.	5½d.	6¾d.
2	Pieces, 12-in. to 23½-in. long	each	10d.	11d.	1/1	1/5
3	,, 4-in. to 11½-in. long	,,	7d.	8d.	9d.	11d.
4	Long Screws, 12-in. to 23½ in. long ...	,,	11d.	1/–	1/3	1/7
5	,, 3-in. to 11½-in. long ...	,,	8d.	9d.	10d.	1/1
23	Barrel Nipples	,,	5d.	5d.	6d.	7d.
6	Bends	,,	8d.	9d.	11d.	1/2
7, 8 & 9	Springs, not socketed	,,	5d.	6d.	7d.	9d.
	FITTINGS					
11	Socket or Pipe Union	each	2/–	2/6	3/–	4/–
12	Elbows, Square	,,	10d.	11d.	1/1	1/3
13	,, Round	,,	11d.	1/–	1/2	1/5
14	Tees	,,	1/–	1/1	1/3	1/7
15	Crosses	,,	2/2	2/4	2/9	3/3
16	Sockets, Plain	,,	3d.	3d.	4d.	5d.
17	,, Diminished	,,	4d.	5d.	6d.	7d.
18	Flanges	,,	9d.	10d.	1/–	1/2
19	Caps	,,	3½d.	3½d.	5d.	6d.
20	Plugs	,,	3d.	3d.	4d.	5d.
21	Backnuts	,,	2d.	2d.	3d.	3½d.
22	Nipples	,,	2d.	2d.	3d.	3½d.
24	Union Bends	,,	2/6	3/–	3/9	5/–
25	Main Cocks	,,	1/6	1/9	2/3	2/10
26	,, with Brass Plugs ...	,,	—	3/4	4/–	5/4
27	Round Way Cocks	,,	—	2/7½	3/–	4/1½
28	,, with Brass Plugs	,,	—	7/10½	9/–	12/4½
29	Cock Spanners, Wrought	,,	—	1/1½	1/3	1/7½
30	,, Malleable Cast ...	,,	—	9d.	1/–	1/3
31	Siphon Boxes, 1 quart	,,	—	—	22/9	23/–
32	,, 2 quarts	,,	—	—	—	27/–
33	,, 3 quarts	,,	—	—	—	32/–
34	,, 4 quarts	,,	—	—	—	38/–

Subject to current plusages.



IRON TUBES AND FITTINGS AND WATER

cancelling all other Lists.

1	1¼	1½	2	2½	3	3½	4	5	6
9¼d.	1/1	1/4½	1/10	2/10	3/3	4/–	4/5	6/–	7/6
1/11	2/8	3/4	4/9	8/–	10/6	13/6	15/6	24/–	32/6
1/3	1/8	2/2	3/–	5/3	6/9	9/3	10/9	18/–	25/3
2/2	2/10	3/9	5/3	9/–	12/–	15/6	17/–	26/6	35/6
1/5	1/11	2/6	3/6	6/6	8/6	11/6	13/–	20/–	28/–
9d.	1/–	1/4	1/9	3/–	4/–	6/–	7/–	12/6	20/–
1/7½	2/7½	3/2	5/2	12/–	18/–	25/–	32/6	105/–	150/–
1/1½	1/11½	2/3½	3/11	9/6	14/6	20/–	26/6	93/–	132/–
5/6	6/9	8/–	10/–	17/6	22/6	27/6	35/–	66/–	105/–
1/6	2/2	2/7	4/3	9/6	14/–	22/–	28/–	95/–	150/–
1/8	2/4	2/10	4/8	10/6	16/–	24/–	30/–	95/–	150/–
1/10	2/6	3/1	5/1	11/6	18/–	26/–	32/–	98/–	155/–
4/1	5/6	6/7	10/6	22/–	40/–	56/–	66/8	220/–	350/–
6d.	8d.	10½d.	1/3	2/6	3/6	5/–	6/–	12/–	18/–
9d.	1/–	1/4	2/–	5/–	7/–	9/–	11/–	35/–	55/–
1/4	1/9	2/–	2/9	5/-	8/6	10/–	11/6	18/–	27/–
8d.	1/–	1/3	2/–	4/4	6/–	9/9	10/6	30/–	45/–
6d.	8d.	10d.	1/3	2/6	4/9	7/–	10/–	30/–	48/–
5d.	6d.	8d.	1/1	2/3	3/6	4/6	5/6	18/–	26/–
4d.	6d.	8d.	1/–	2/3	3/6	4/6	5/6	18/–	26/–
6/3	8/6	10/–	13/6	27/–	37/–	49/–	58/–	100/–	160/–
4/2	5/4	7/–	11/6	17/6	26/–	40/–	47/9	125/–	165/–
7/6	10/–	13/–	21/–	40/–	50/–	75/–	100/–	225/–	325/–
5/7½	7/6	9/9	16/6	45/–	56/3	90/–	120/–	—	—
16/10½	22/6	29/3	49/6	135/–	168/9	270/–	360/–	—	—
2/–	2/4½	2/7½	3/3	4/6	6/9	9/–	10/6	14/3	18/–
1/6	1/9	2/3	3/–	4/6	6/9	9/–	10/6	14/3	18/–
23/4	24/–	24/6	26/3	—	—	—	—	—	—
27/4	28/–	28/6	30/3	35/6	42/6	—	—	—	—
32/4	33/–	33/6	35/3	40/6	47/6	55/6	61/6	—	—
38/4	39/–	39/6	41/3	46/6	53/6	61/6	67/6	—	—

Subject to current plusages.

GUN METAL PIPE FITTINGS

No. B 3230

No. B 3234

No. B 3238

No. B 3236

No. B 3240

No. B 3241

No. B 3242

No. B 3256

No. B 3257

No. B 3259

Screwed iron threads.

All fittings hydraulically tested.

The various sizes supplied are denoted by *

Sizes in inches	¼	⅜	½	¾	1	1¼	1½	2	2½	3
B 3230. Female Hexagon Union ...	*	*	*	*	*	*	*	*	*	*
B 3234. Female Union			*	*	*	*	*	*	—	—
B 3236. Female iron to lead Union			*	*	*	*	*	*	—	—
B 3238. Male and female Union ...			*	*	*	*	*	*	—	—
B 3240. Socket			*	*	*	*	*	*	*	*
B 3263. †Reducing Socket ... ... (as B 3240 with reduced end)			—	*	*	*	*	*	*	*
B 3241. Tee			*	*	*	*	*	*	*	*
B 3242. Elbow			*	*	*	*	*	*	*	*
B 3256. Bend 90°			*	*	*	*	*	*	*	*
B 3257. Return Bend			*	*	*	*	*	*	*	*
B 3259. Cross			*	*	*	*	*	*	*	*

† Details given for B 3263 are for size of largest end.

GUN METAL PIPE FITTINGS

No. B 3246

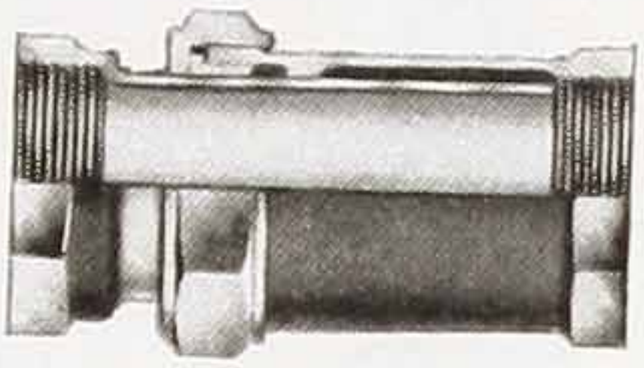
No. B 3247

No. B 3248

No. B 3249

No. B 3250

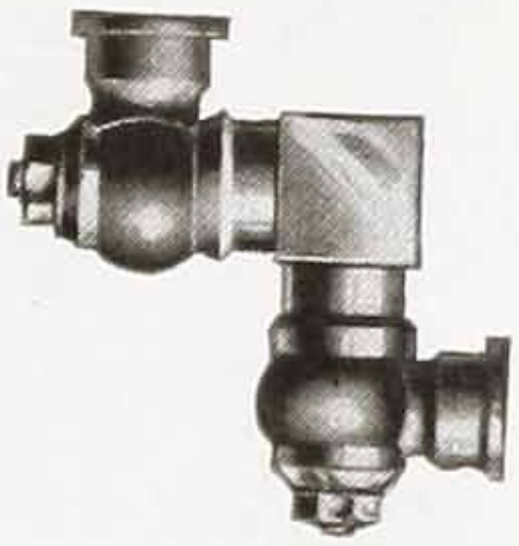
No. B 3254



No. B 3239

No. B 3251

No. B 3252



No. B 3253

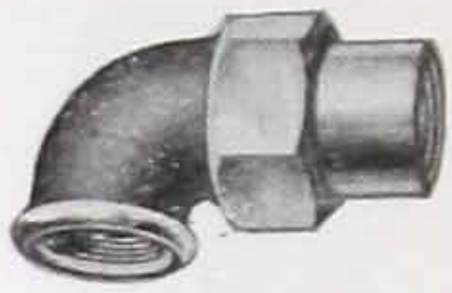
Screwed iron threads.

The various sizes supplied are denoted by *

Sizes in inches	$\frac{3}{8} \times \frac{1}{2}$	$\frac{1}{2} \times \frac{3}{4}$	$\frac{3}{4} \times 1$	$1 \times 1\frac{1}{4}$	$1\frac{1}{4} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 2$	$2 \times 2\frac{1}{2}$	$2\frac{1}{2} \times 3$
B 3246. Diminisher	*	*	*	*	*	*	*	*
Sizes in inches	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3
B 3247. Nipple	*	*	*	*	*	*	*	*
B 3248. Blank Cap	*	*	*	*	*	*	*	*
B 3249. Plug	*	*	*	*	*	*	*	*
B 3250. Back Nut	*	*	*	*	*	*	*	*
B 3254. Hexagon Nipple	*	*	*	*	*	*	*	*
B 3239. Expansion Joint	*	*	*	*	*	*	*	*
Sizes in inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2
B 3251. Single Swivel	*	*	*	*	*	*	*	*
B 3252. Double Swivel	*	*	*	*	*	*	*	*
B 3253. Universal Swivel	*	*	*	*	*	*	*	*

GUN METAL PIPE FITTINGS

No. B 3300



No. B 3306

No. B 3304

No. B 3302

No. B 3309

No. B 3310

No. B 3317

No. B 3325

No. B 3312

No. B 3297

No. B 3298

No. B 3299

For copper tubes ; screwed B.S. Table 1 or 16 threads for 14 S.W.G.

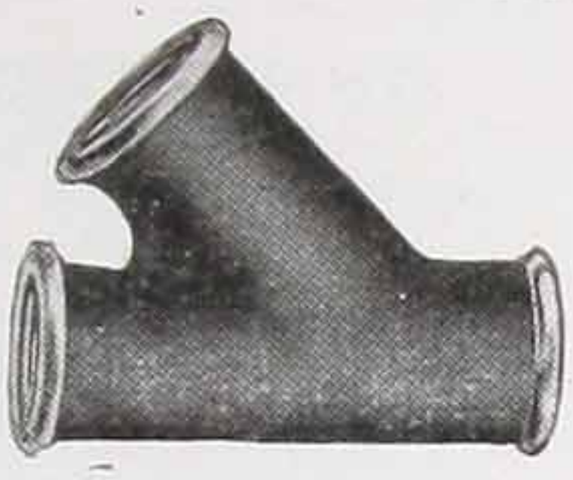
The various sizes supplied are denoted by *

Sizes in inches		½	¾	1	1¼	1½	2	2½	3
B 3300.	Elbow	*	*	*	*	*	*	*	*
B 3306.	Elbow Union	*	*	*	*	*	*	*	*
B 3304.	Tee	*	*	*	*	*	*	*	*
B 3302.	Tee Union	*	*	*	*	*	*	*	*
B 3309.	Union, female copper to lead	*	*	*	*	*	*	—	—
B 3310.	Union, female	*	*	*	*	*	*	*	*
B 3317.	Union, male iron to female copper	*	*	*	*	*	*	*	*
B 3325.	Lug Elbow, iron to copper	*	*	*	—	—	—	—	—
B 3312.	Socket	*	*	*	*	*	*	*	*
B 3299.	Adapter. Male iron to copper	*	*	*	*	*	*	*	*

Sizes in inches			¾ × ½	1 × ¾	1¼ × 1	1½ × 1¼	2 × 1½	2½ × 2	3 × 2½
B 3297.	Reducing Socket (Concentric)	—	*	*	*	*	*	*	*
B 3298.	Reducing Socket (Eccentric)	—	*	*	*	*	*	*	*

GUN METAL PIPE FITTINGS

No. B 3301



No. B 3303

No. B 3305

No. B 3311

No. B 3313

No. B 3315

No. B 3314

No. B 3316

No. B 3318

No. B 3320

No. B 3321

For copper tubes; screwed B.S. Table 1 or 16 threads for 14 S.W.G.

The various sizes supplied are denoted by *

Sizes in inches		½	¾	1	1¼	1½	2	2½	3
B 3301.	Sweep Tee, 90° branch ...	*	*	*	*	*	*	*	*
B 3303.	Tee, 45° branch	*	*	*	*	*	*	*	*
B 3305.	Divided Tee	*	*	*	*	*	*	*	*
B 3311.	Bend, 90°	*	*	*	*	*	*	*	*
B 3313.	Return Bend	*	*	*	*	*	*	*	*
B 3315.	Cross	*	*	*	*	*	*	*	*
B 3314.	Backnut	*	*	*	*	*	*	*	*

Sizes in inches		⅜ × ½	½ × ¾	¾ × 1	1 × 1¼	1¼ × 1½	1½ × 2	2 × 2½	2½ × 3
B 3316.	Diminisher	*	*	*	*	*	*	*	*

Sizes in inches		½	¾	1	1¼	1½	2	2½	3
B 3318.	Nipple	*	*	*	*	*	*	*	*
B 3320.	Cap	*	*	*	*	*	*	*	*
B 3321.	Plug	*	*	*	*	*	*	*	*
	Additional Fittings, not illustrated								
B 3319.	Fullway Valve	*	*	*	*	*	*	—	—
B 3323.	B.S. 1010 Stop Cock ...	*	*	*	*	*	*	—	—

PIPE FITTINGS

TINNED STEEL PIPE CLIPS

Double Corrugated Pattern which gives increased strength and is a safeguard against damage to lead pipes.

No. B 2578

Suitable for iron pipe of all sizes ¼ in. to 2 in. Also suitable for all poundages of lead pipe sizes ⅜ in. to 2 in.

Copper clips similar to the above supplied for B.S.S. 659-55 copper tube all sizes ½ in. to 2 in.

PIPE HOOKS

No. B 2613

Machine forged, self colour.
Practically unbreakable and with extra large, strong shoulder for driving in.

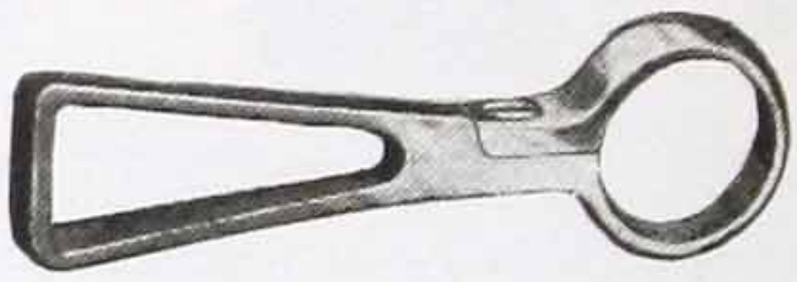
No. B 2614

As above, galvanized.

For lead or iron pipe, all sizes ¼ in. to 1¼ in.

PIPE CLIPS

No. B 2600



No. B 2602/4

No. B 2606/8

Suitable for B.S.S.659-55 Copper Tube all sizes ½ in. to 2 in.

No. B 2600. Stamped brass hinged pipe clip with bolts.
No. B 2602. Polished brass schoolboard pattern built-in clip.
No. B 2604. Black japanned schoolboard pattern built-in clip.
No. B 2606. Polished brass schoolboard pattern screw-on clip.
No. B 2608. Black japanned schoolboard pattern screw-on clip.

PIPE CLIPS

No. B 2609

No. B 2610

No. B 2611

No. B 2612

Suitable for B.S.S.659-55 Copper Tube all sizes ½ in. to 2 in.

No. B 2609. Stamped copper double spacing clip.
No. B 2610. Stamped copper single spacing clip.
No. B 2611. Stamped copper rigid one-piece spacing clip.
No. B 2612. Polished brass pipe hanger with tapped shank.

BRASS GAS FITTINGS

MAIN COCK

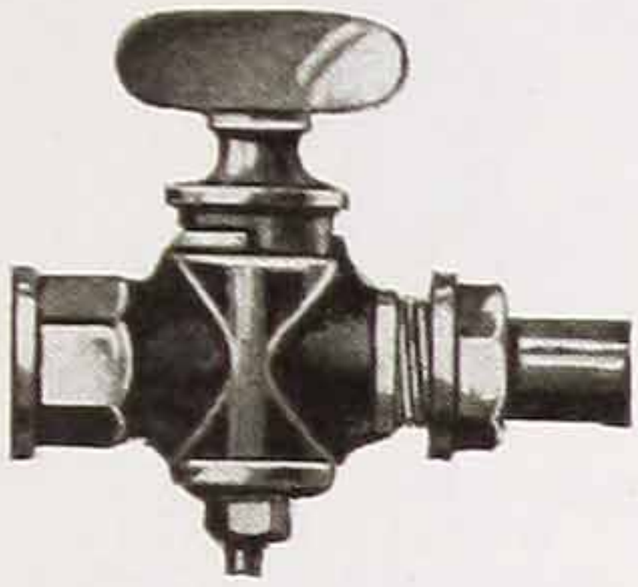
For Iron. Rough.

G 250. O.T.P. F. Ends
$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 in.

G 251. Sq. Head F. Ends
$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$ in.

G 249. O.T.P. M. & F. Ends. $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 in.

G 248. Sq. Head. M. & F.
$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$ in.



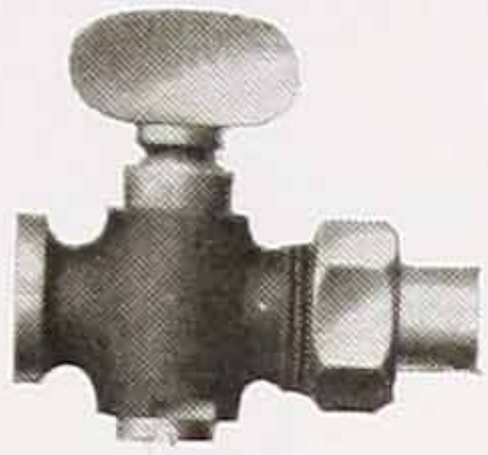
MAIN COCK AND UNION

No. G 247

For Iron and Lead.

G 247. O.T.P.
$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 in.

G 246. Sq. Head
$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$ in.



STOP COCK AND UNION

No. G 274A Rough

No. G 274 Polished

For Iron.
Screwed Female Ends.

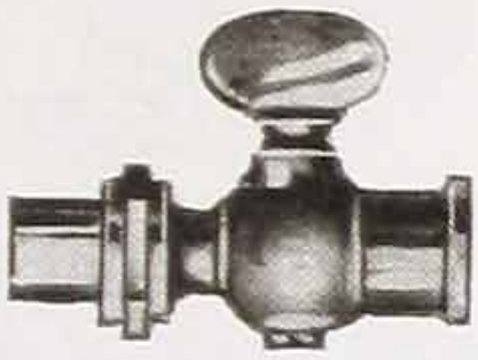
$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ in.

No. G 193

STOP COCK

Bright.
For Iron.

$\frac{1}{8}$, $\frac{1}{4}\times\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}\times\frac{1}{8}$, $\frac{3}{8}\times\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}\times\frac{1}{4}$, $\frac{1}{2}\times\frac{3}{8}$, $\frac{1}{2}$ in.



No. G 197

STOP COCK and UNION

Tighted. Bright.
For Brass.

$\frac{3}{8}$, $\frac{1}{2}\times\frac{3}{8}$, $\frac{1}{2}$ in.

No. G 198

NOSEPIECE COCK

Bright.
For Iron.

$\frac{1}{8}$, $\frac{1}{4}\times\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ in.

No. G 107

CEILING PLATES

For Iron.

G 106. Male.
For Iron

G 107. Female.
For Iron

$\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 in.

No. G 171

SINGLE SWIVEL

Strong.
Rough.
For Iron.

No. G 175

DOUBLE SWIVEL

Strong.
Rough.
For Iron.

No. G 179

UNIVERSAL SWIVEL

For Iron.

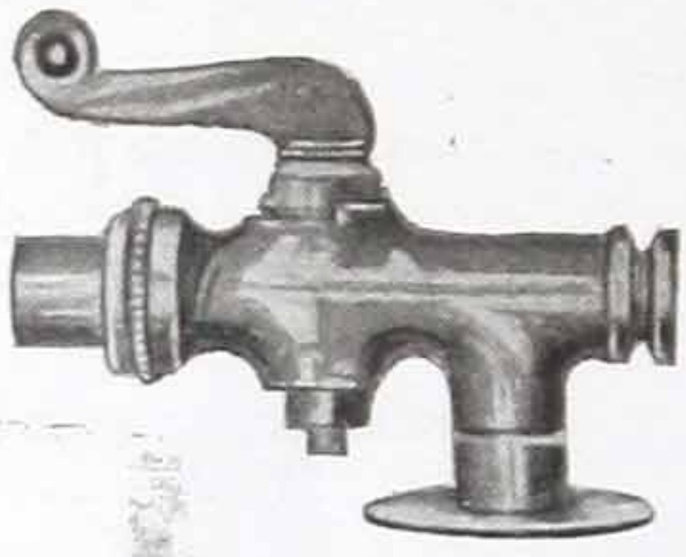
Sizes: $\frac{1}{8}$, $\frac{1}{4}\times\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}\times\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}\times\frac{1}{4}$, $\frac{1}{2}\times\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}\times\frac{1}{2}$, $\frac{3}{4}$ in.

BRASS GAS FITTINGS

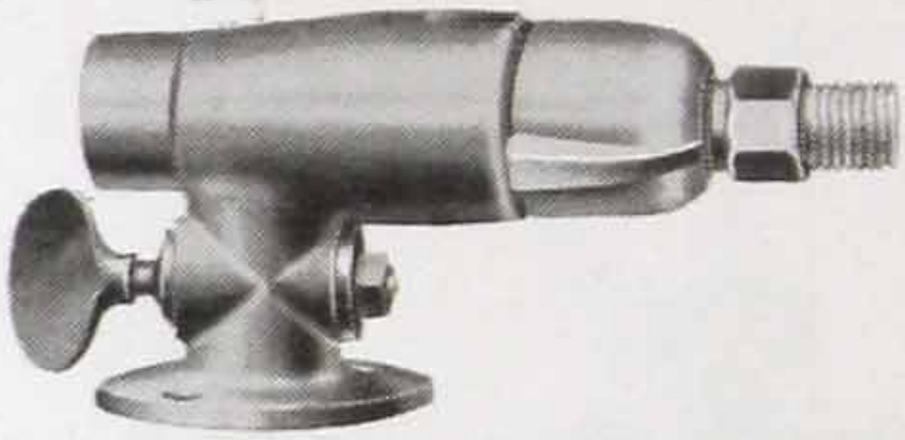
No. G 211
AIR BURNER
⅜ in. Brass.
Length 3¼ 4¼ in.

No. G 233
ATMOSPHERIC BULB AND NIPPLE
Bright. For Iron.
⅛in. M × ¼in. F
¼in. M × ¼in. F
¼in. M × ⅜in. F
¼in. M × ½in. F
¼in. M × ¾in. F
⅜in. M × ½in. F
½in. M × ¾in. F
½in. M × 1in. F
¾in. M × 1in. F

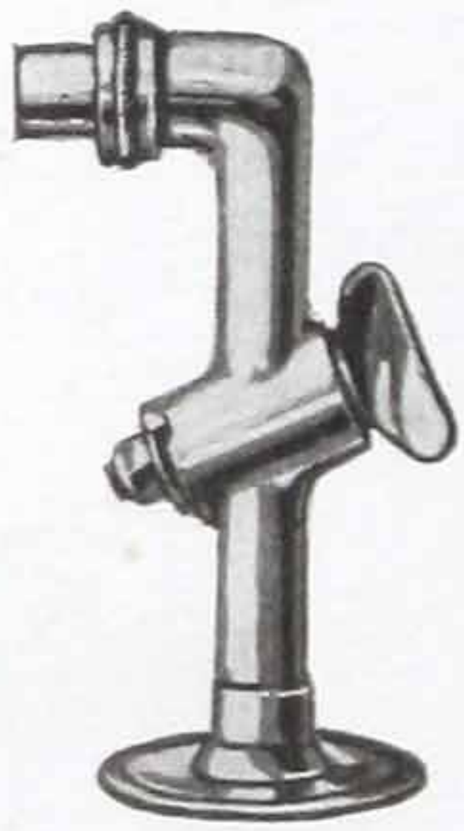
No. G 212
AIR BURNER
⅜ in. Brass.
Diam. 2, 2½, 2¾, 3 in.



No. G 279
POLISHED GAS FIRE COCK
With Union. For Brass.
½ in.



No. G 276
THE SAFETY GAS FIRE TAP
Flange Type with stem cock for ¼ in.

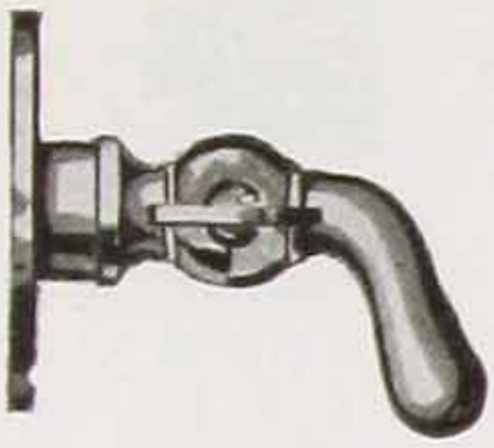


No. G 1113
FLOOR TAP
½ in. Brass.
Polished Brass Finish

No. G 1112
FLOOR TAP
½ in. Brass.
Polished Brass Finish.

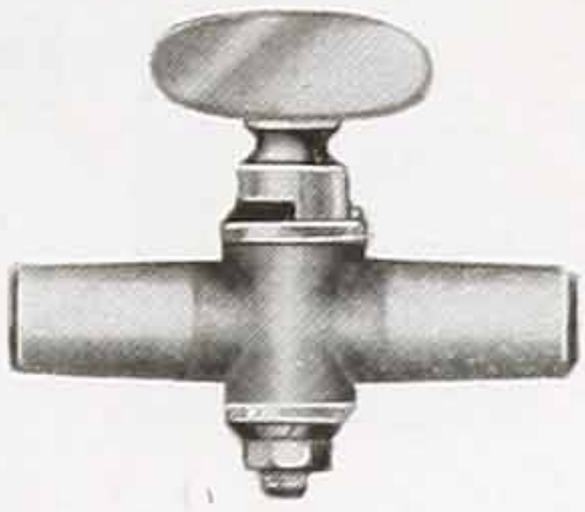
Flat Flame Gas Geyser Burners Sizes 00. No. 2. No. 3 supplied to order.

BRASS GAS FITTINGS

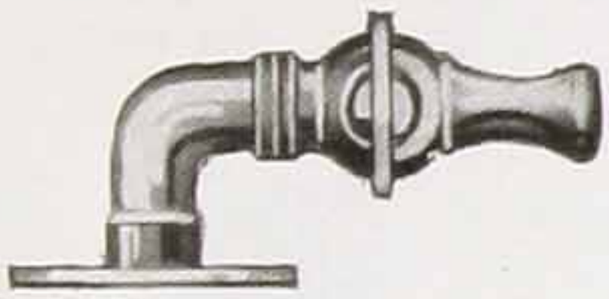


No. G 1092
BENT FLEXIBLE BACK
Bright. For Brass.
$\frac{3}{8}$ $\frac{1}{2}$ in.

G 215F or G 216M
FLEXIBLE TUBE COCK
$\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ in.



No. G 272
STOP COCK
For Lead. Rough.
$\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ in.



No. G 154
BENT FLEXIBLE TUBE BACK
For Brass
$\frac{3}{8}$ $\frac{1}{2}$ in.

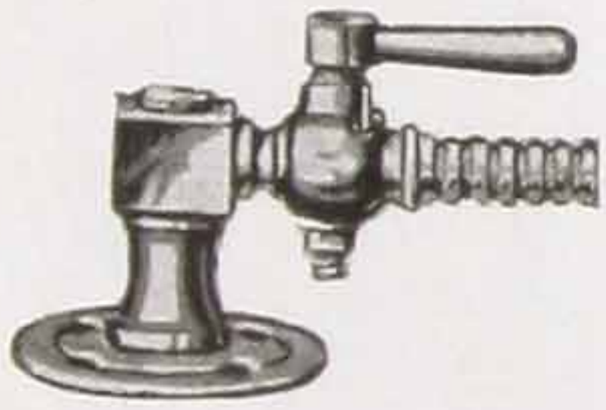
No. G 152
BACK
For Flexible Tube.
For Brass. Bright.
$\frac{3}{8}$ $\frac{1}{2}$ in.

LABORATORY FITTINGS

No. G 282
2 - WAY
For Flexible Tube.
Bright. For Iron.
$\frac{1}{8}$ $\frac{1}{4}$ in.

No. G 1024
3 - WAY
Tapped at back for $\frac{1}{4}$ in.
Iron. Polished

No. G 1023
2 - WAY
Tapped at back for $\frac{1}{4}$ in.
Iron. Stiff. Polished



No. G 1095
1-WAY
With Baseplate tapped
$\frac{1}{4}$ in. Iron or $\frac{1}{2}$ in. Brass.
Polished

No. G 1096
2-WAY
With Baseplate tapped
$\frac{1}{4}$ in. Iron or $\frac{1}{2}$ in. Brass.
Polished

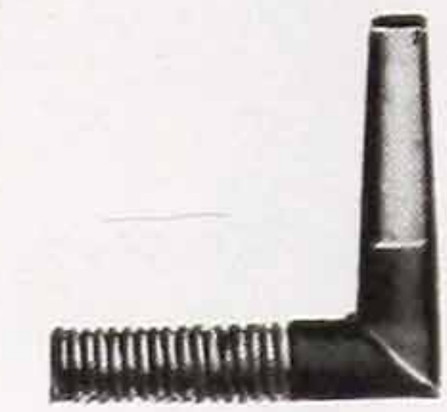
No. G 1097
2-WAY
Screwed Male.
Polished Brass Finish.
For Iron $\frac{1}{4}$ $\frac{3}{8}$ in.

BRASS GAS FITTINGS

No. G 355

No. G 355. STRAIGHT TUBE
Polished
Lengths : 3, 4, 6, 8, 10, 12 in.

No. G 221
NOSEPIECE
For Iron
$\frac{1}{8}$, $\frac{1}{4}\times\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}\times\frac{1}{8}$ in.
$\frac{3}{8}\times\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}\times\frac{1}{8}$, $\frac{1}{2}\times\frac{1}{4}$ in.
$\frac{1}{2}\times\frac{3}{8}$, $\frac{3}{4}\times\frac{1}{8}$ in.



No. G 287
ELBOW
CONNECTION
$\frac{3}{8}$B $\times$ $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 in.
$\frac{1}{2}$B $\times$ $1\frac{1}{2}$, $1\frac{3}{4}$, 2 in.

No. G 224. Male
BULB NOZZLE
Bright. For Iron
$\frac{1}{8}$ in., $\frac{1}{4}$ in., $\frac{3}{8}$ in.,

No. G 225. Female
BULB NOZZLE
Bright. For Iron
$\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$ in.

No. G 237 BRASS DIMINISHER For Iron
$\frac{1}{4}\times\frac{1}{8}$, $\frac{3}{8}\times\frac{1}{8}$, $\frac{3}{8}\times\frac{1}{4}$, $\frac{1}{2}\times\frac{1}{8}$, $\frac{1}{2}\times\frac{1}{4}$, $\frac{1}{2}\times\frac{3}{8}$, $\frac{3}{4}\times\frac{1}{4}$, $\frac{3}{4}\times\frac{3}{8}$, $\frac{3}{4}\times\frac{1}{2}$ in.
$1\times\frac{1}{2}$, $1\times\frac{3}{4}$, $1\frac{1}{4}\times\frac{1}{2}$, $1\frac{1}{4}\times\frac{3}{4}$, $1\frac{1}{4}\times 1$, $1\frac{1}{2}\times\frac{3}{4}$, $1\frac{1}{2}\times 1$ in.
$1\frac{1}{2}\times 1\frac{1}{4}$, $2\times\frac{3}{4}$, 2×1, $2\times 1\frac{1}{4}$, $2\times 1\frac{1}{2}$ in.

No. G 237A BRASS DIMINISHER For Brass
$\frac{1}{2}\times\frac{3}{8}$, $\frac{5}{8}\times\frac{3}{8}$, $\frac{5}{8}\times\frac{1}{2}$, $\frac{3}{4}\times\frac{3}{8}$, $\frac{3}{4}\times\frac{1}{2}$, $\frac{3}{4}\times\frac{5}{8}$ in.

No. G 226
STOP PLUG
Bright. For Iron
$\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 in.

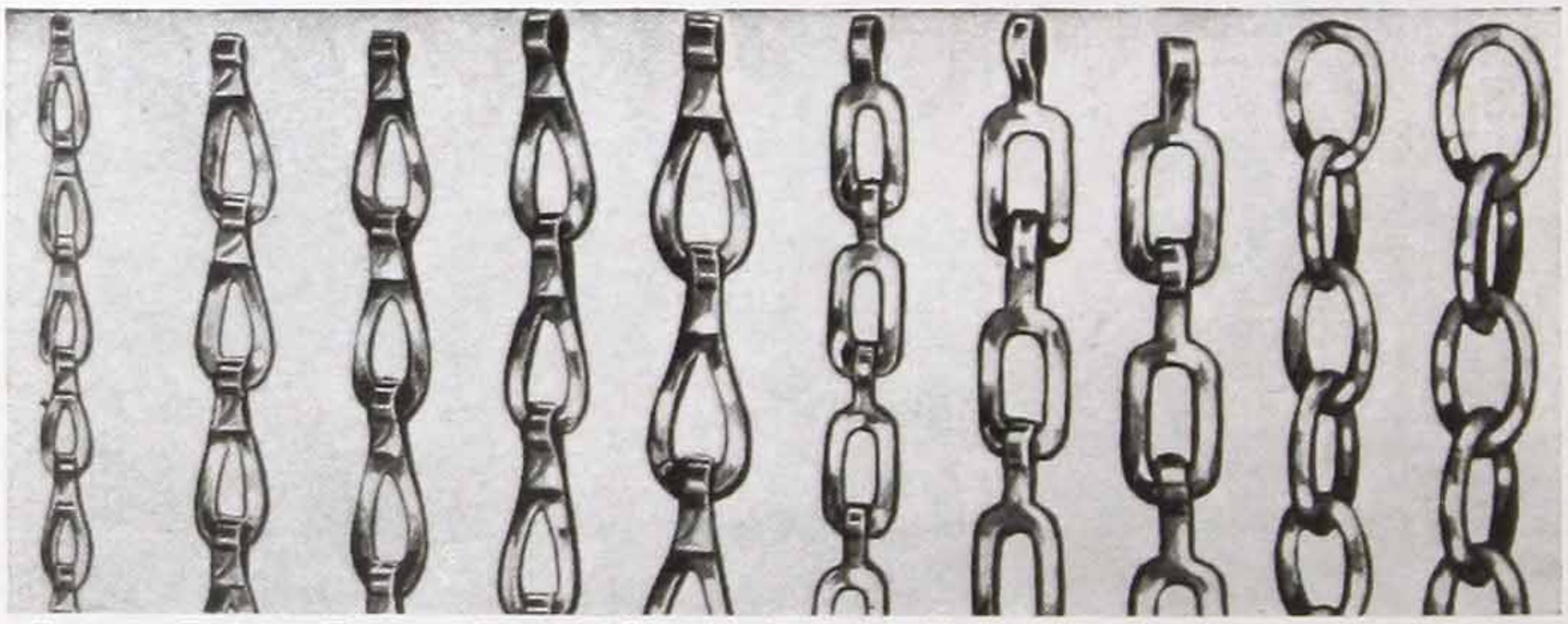
No. G 234
STRAIGHT
NIPPLE
For Iron
Sizes :
$\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2 in.

No. G 234A
BARREL
NIPPLE
Sizes :
$\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, 1 in.

No. G 238
STOP CAP
For Iron
Sizes :
$\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ in.

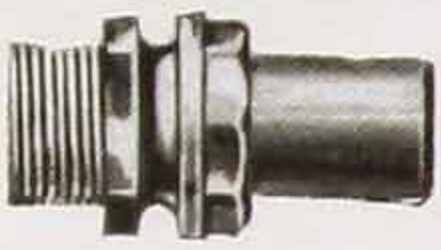
No. G 293
BACKNUT
Bright. For Iron
Sizes :
$\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ in.

CHAIN

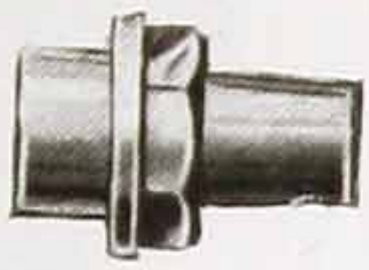


G 392 G 660 G 661 G 662 G 663 G 664 G 665 G 666 G 1006 G 1007
Polished Brass or Chromium-Plated Chain. In dozen yards

BRASS GAS FITTINGS



No. G 259
UNION
For Iron and Lead. Tighted.



No. G 260
UNION
For Iron and Lead. Tighted.

No. G 262
UNION
For Brass. Tighted.

No. G 263
UNION
For Iron.

Sizes : $\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ 2 in.

No. G 258A

No. G 258A. CAP AND LINING
Long Tail.
$\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ 2 in.

No. G 267. ELBOW UNION
For Iron and Lead. Tighted.
$\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ in.

No. G 267

COUPLING
G 289
$\frac{1}{8}$, $\frac{1}{4}$ × $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ in.
G 289A for Brass
$\frac{3}{8}$in. B, $\frac{1}{2}$ in.B.

ELBOW
G 291 Round Rough.
G 291A Square Rough
$\frac{1}{8}$, $\frac{1}{4}$ × $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ in.
$\frac{3}{8}$ in. B, $\frac{1}{2}$ in. B.

TEE
G 292. Rough
$\frac{1}{8}$, $\frac{1}{4}$ × $\frac{1}{8}$, $\frac{1}{4}$ in.

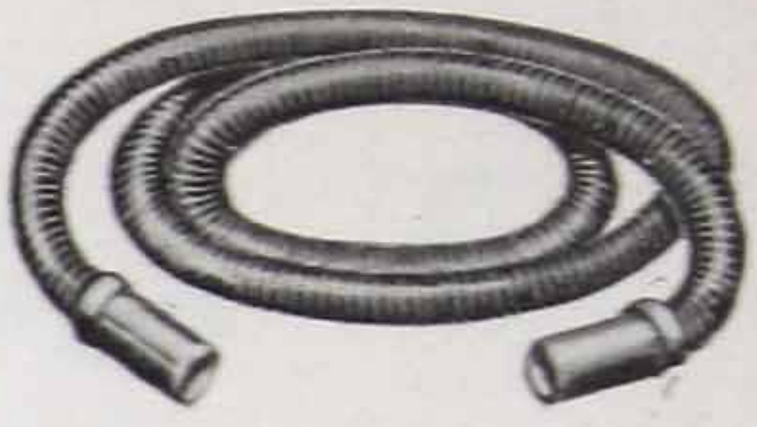
GAS FITTINGS

No. G 409

COMPOFLEX TUBING

With Rubber or Brass Male & Female ends

24, 36, 48, 72 in.



No. G 413

FLEXIBLE METALLIC TUBING

With India-rubber Ends.

2 3 4 5 6 7 8 ft.

FLEXIBLE METALLIC TUBING

Inside diameter : $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$ in.

Per Coil of 60 ft.

No. G 817

RED RUBBER SEAMLESS GAS TUBING

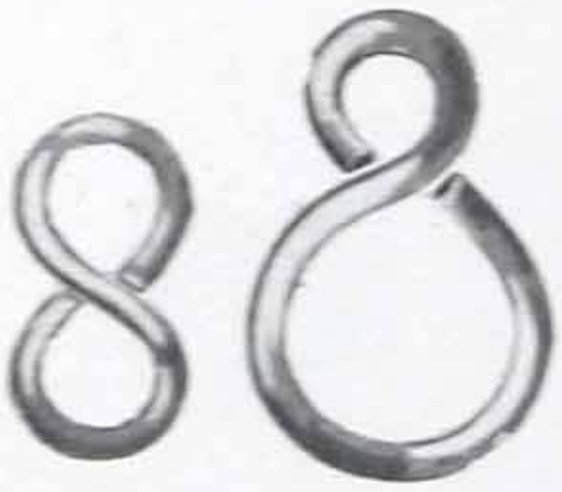
$\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{1}{2}$ in

No. G 420

INDIA-RUBBER ENDS

$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ in.

Plain, Beaded, Barrel Shape



No. G 393

BRASS "S" HOOKS

or Chromium-plated

$\frac{3}{4}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ 2 in.

No. G 393 A

BELL "S" HOOKS

Brass or Chromium-plated.

$1\frac{1}{2}$ in.

GAS BLOCKS

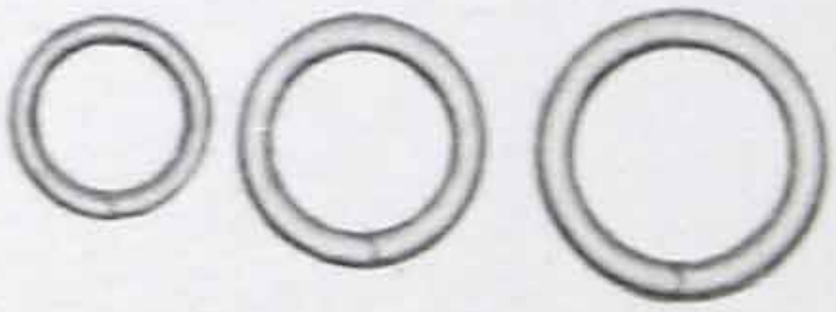
No. G 1127. RED

4, $4\frac{1}{2}$, 5, 6 in.

No. G 394

BRASS OR CHROMIUM-PLATED SPLIT RINGS

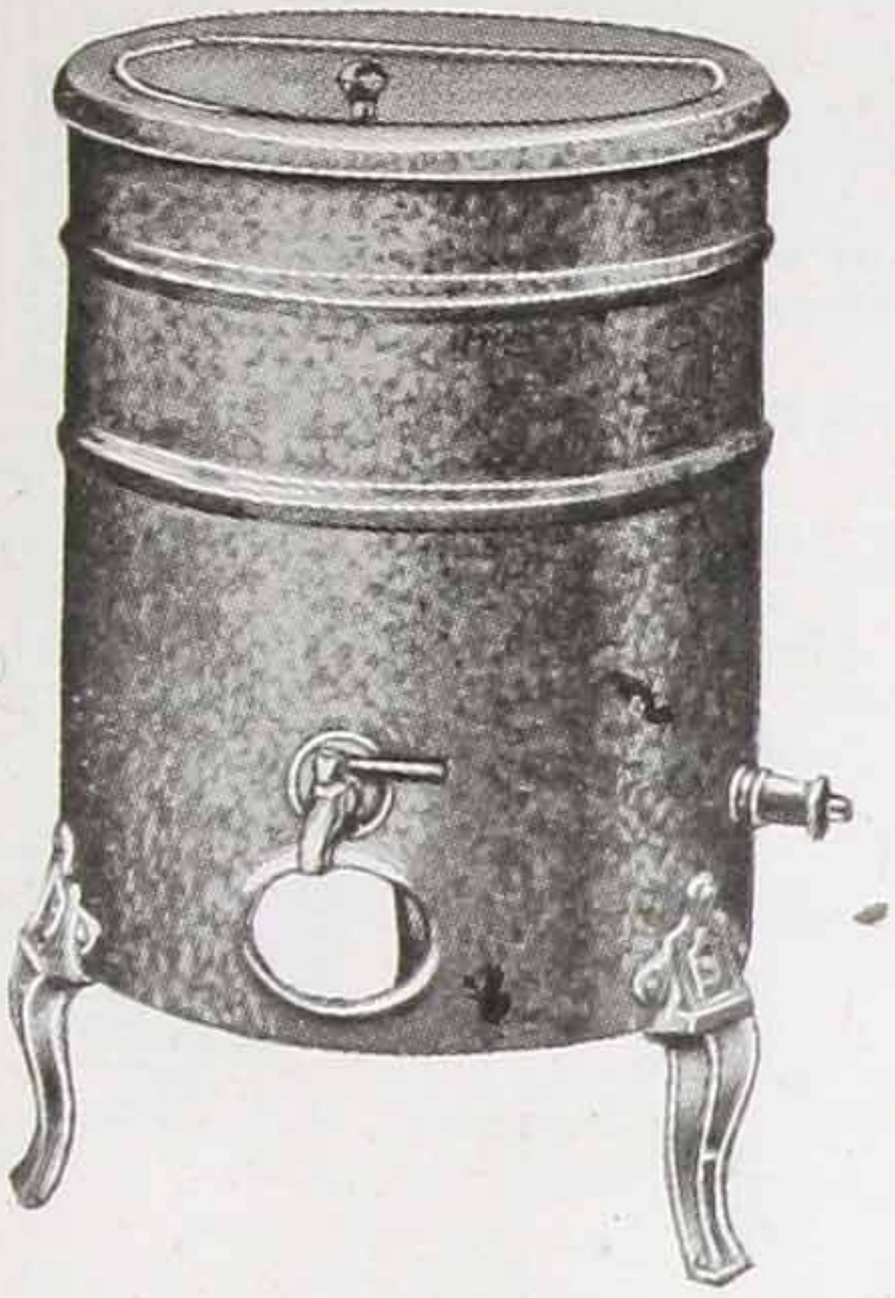
$\frac{1}{2}$, $\frac{3}{4}$, 1 in.

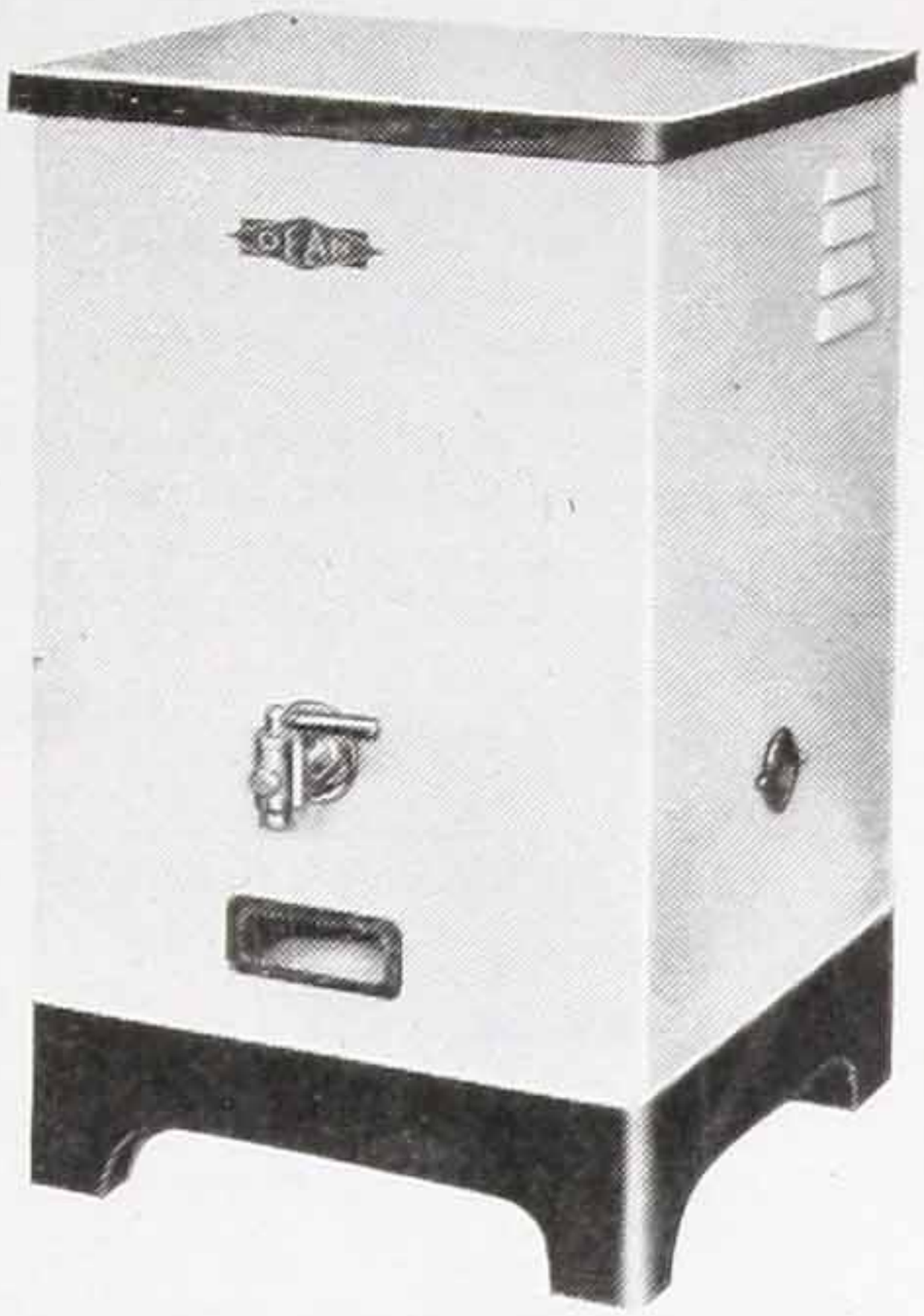


No. G 1127 A.

BEST RED

4, $4\frac{1}{2}$, 5, 6 in.





GAS-HEATED WASH BOILERS

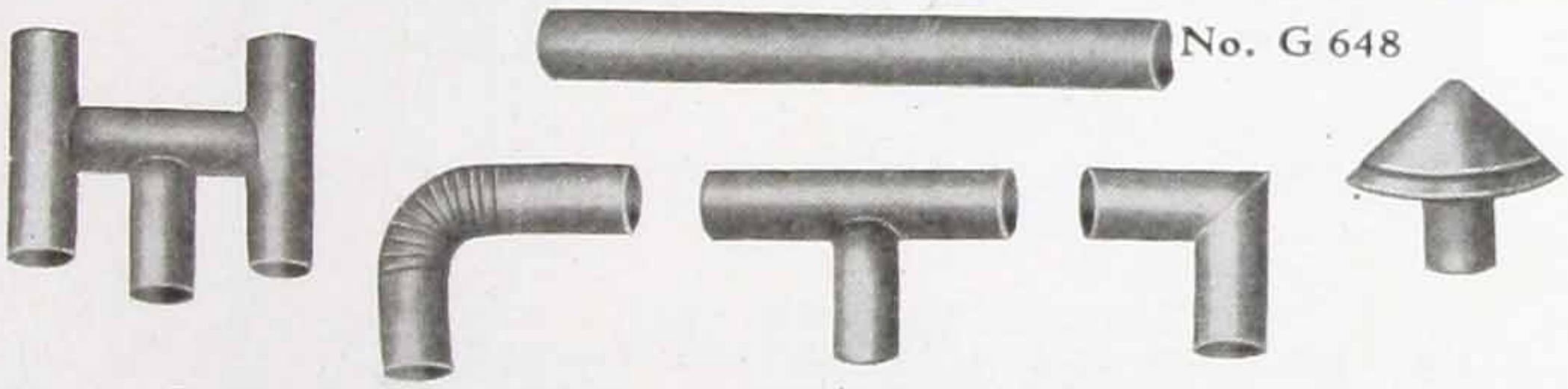
No. G 5806A

Galvanized casing with pressed steel top rim complete with lid. The tinned copper pan will take a normal size wash and the efficient ring pattern burner beneath it boils the water quickly. Mounted on three sturdy legs. Can be supplied without brass draw-off tap if required.

No. G 5808A

A square boiler of modern design finished in cream, green or white porcelain enamel with chromium-plated fittings. New design anti-condensation pan of 10 gallon capacity and fitted with Easy-Clean chromium-plated tap. Flush fitting cast-iron burner complete with patented lighting device and air adjuster. Mirror fitted to casing for easy burner inspection. Boiler mounted on castors.

Overall dimension: Height, 30 in.; Width, 17½ in.; Distance from Front to Back, 20½ in.; Height to Tap, 11¼ in.



No. G 757 No. G 647 No. G 756 No. G 646 No. G 649

GALVANIZED FLUE PIPE AND FITTINGS

No. G 648. Pipe
In 1, 2, and 3-ft. lengths. 3 in., 4 in. (2-ft. lengths only).

No. G 757
H Piece
3 in., 4 in.

No. G 647
Round Elbow
3 in., 4 in.

No. G 756
Tee Piece
3 in., 4 in.

No. G 646
Square Elbow
3 in.

No. G 649
Cowl
3 in., 4 in.

ASCOT
INSTANTANEOUS SINK GAS WATER HEATER
Types 503 and 503/1

For your kitchen the Ascot Sink Water Heater is ideal. It will give you an endless supply of hot, pure water for cooking, cleaning, washing and every other domestic purpose. The Ascot needs no attention, just turn the tap and hot water flows for as long as you wish. It is a money saver too, for gas is only used when hot water is being drawn off.

The sink heater, as all other Ascot heaters, is finished in gleaming white or cream vitreous enamel and chromium plate.

Example of Hot Water Services by Ascot

One therm of gas provides	Approximate Temperature °F.	Hot Water Per Minute
60 gallons for washing greasy dishes, etc.	150	½ gallon
OR		
85 gallons for toilet and general household purposes	120	⅔ gallon
OR		
120 gallons for other domestic purposes	100	1 gallon

Mean cold water inlet temperature taken as 50°F.

Choice of Tap Controls : for "Ascot" Water Heater.
Type 503—fitted with hot tap only.
Type 503/1—fitted with hot and cold taps.

GAS-HEATED WATER BOILERS

THE "AINTREE 393"

No Dirt, No Trouble, No Waiting, Always Ready, Simple to Use, Automatic in Operation.

Boiling Water in 30 seconds
The "Aintree 393" will give you 2–2½ pints of boiling water per minute, any time night or day.

For all domestic purposes ; i.e., washing up, shaving water, baby's bath, etc.

THE MAXOL Type MX 33/C
GAS HEATED INSTANTANEOUS WATER HEATER

Dia.	Overall Height	Gas Connection	Water Connection	Flow of Water Per Minute
7 in.	With Spout 27 in. Without Spout 19 in.	½ in.	½ in.	Boiling : 2 pints 140°F. : 4 pints 100°F. : 8 pints

THE ASCOT MULTI-POINT GAS WATER HEATER

An unlimited and immediate supply of hot water available at any time, simply by turning the tap at the bath, sink, or lavatory basin.

Examples of Hot Water Services by Ascot

One therm of gas provides	Approximate temperature °F.	Hot water per minute
60 gallons for washing up	150	1¼ gallons
OR		
85 gallons for toilet and general household purposes	120	2 gallons
OR		
5 HOT BATHS in 10—15 minutes each bath ...	120	2 gallons

Mean cold water inlet temperature taken as 50°F.

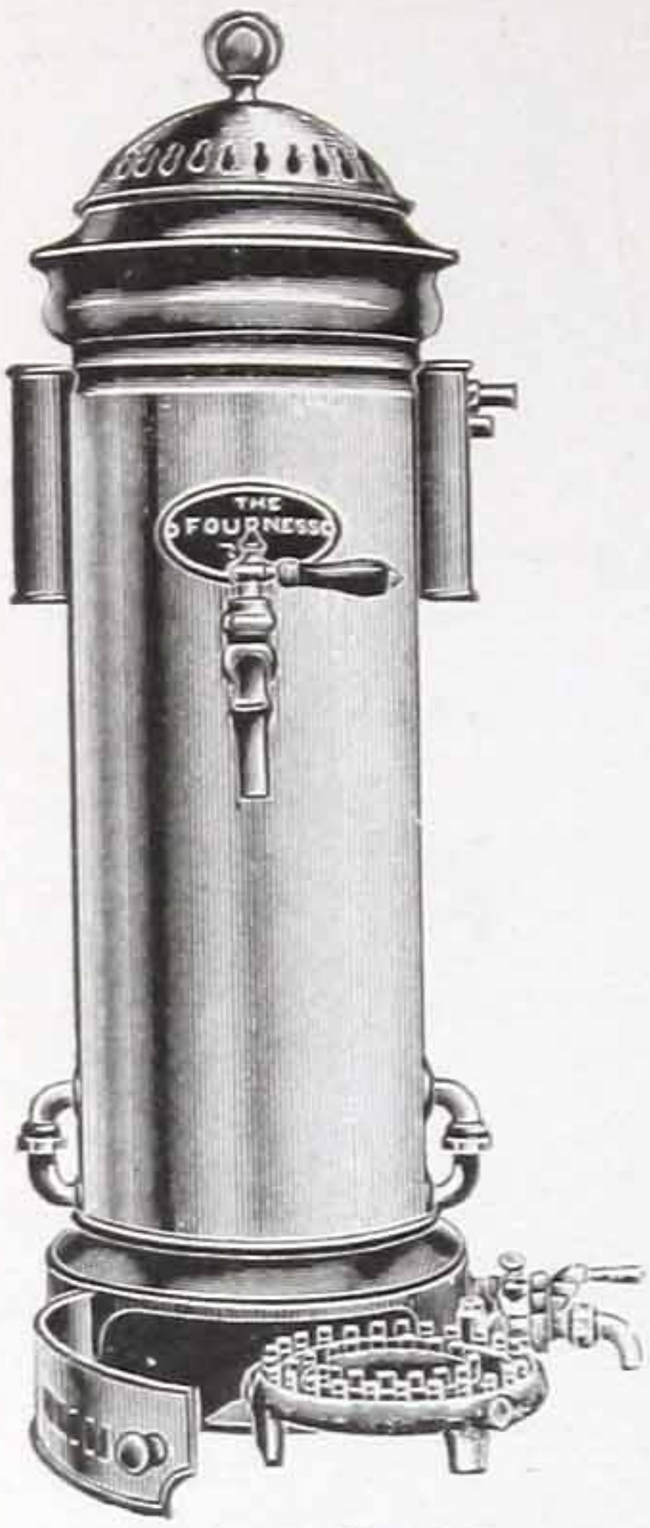
NOTE.—Type 709B is similar in function, appearance and output to type 709, but as additional features incorporates a water governor and temperature selector. It is essentially designed for MAINS CONNECTION where varying water pressures are encountered. Constant water flows are provided irrespective of water pressure fluctuations, the actual flow being variable according to the setting of the temperature selector.

No. 709/709B
Finished in White Vitreous Enamel.

THE ASCOT INSTANTANEOUS GAS BOILING WATER HEATER

Model RS/52/1

Set to **Boiling** and the **Ascot** gives two and a half to three pints of really boiling water each minute, suitable for making tea and cocoa, cooking, and sterilising, for it is as pure as the mains supply. Set to **Hot** and you get half a gallon of very hot water every minute, suitable for cooking, washing and cleaning.



No. G 601
Illustration showing
Boiler Water Box

THE "FOURNESS" IMPROVED BOILERS FOR SOFT WATER

Self-Feeding.—Cannot burst or boil empty. Produces Boiling Water within Three Minutes of Lighting the Gas.

A cup or teapot can be filled without risk of scalding. Simple to work. Silent in operation. Made entirely of Copper, with all waterways plated with pure Tin. The water does not come in contact with the burnt gasses. The gas is only required to be full on while boiling water is drawn off. No attention requisite after lighting the gas.

Size	Boiling Water Produced Per Hour	Hot Water Per Minute
No.		
1	120 pints	1 gallon
2	220 ,,	1½ gallons
3	360 ,,	2 ,,

Extra if with Swing-out Burner for cleaning and renewals (not for lighting).

No. G 7503

FOURNESS WATER BOILER

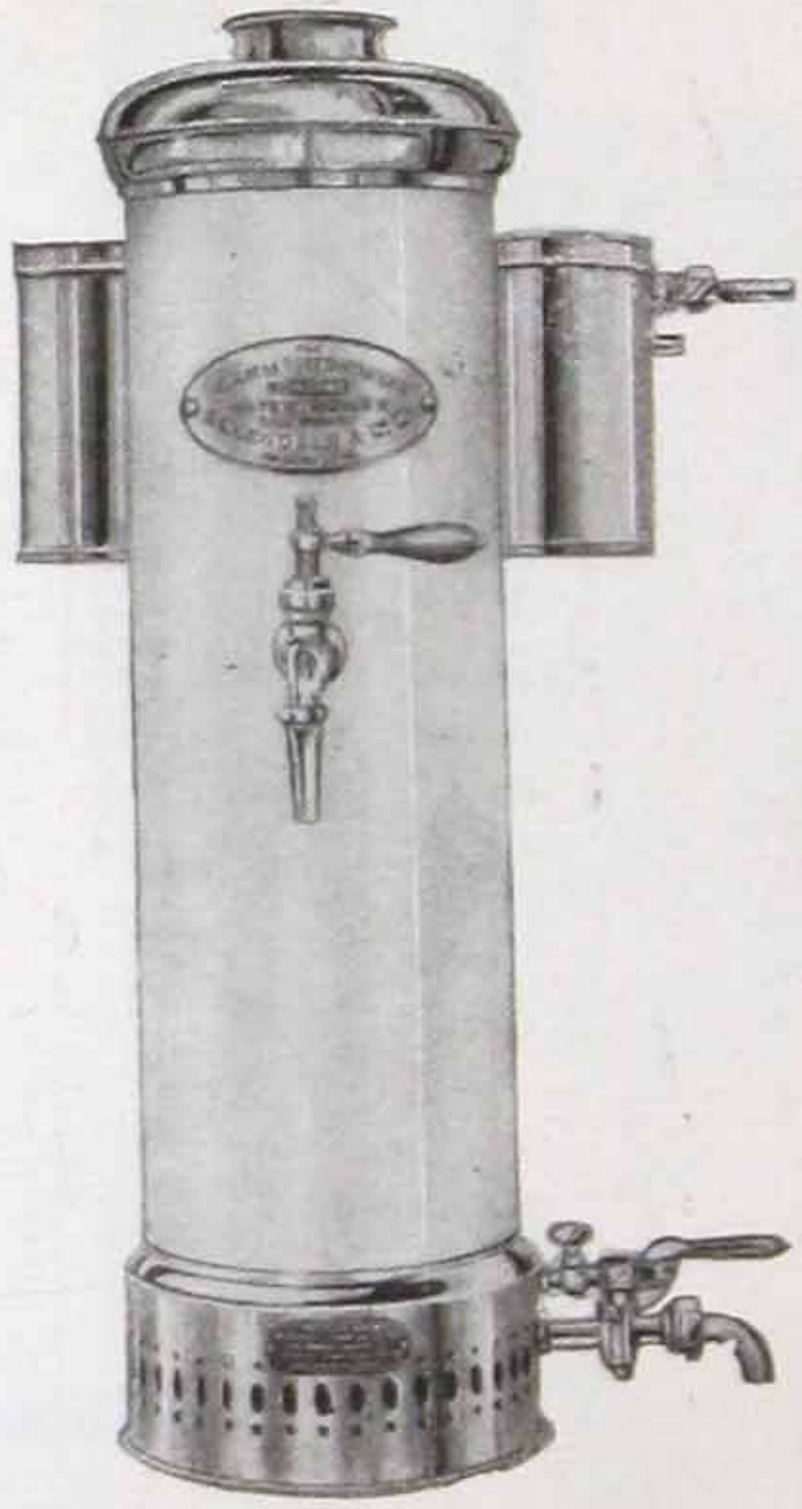
For Soft Water

With best quality White Vitreous-enamelled Case, Chromium-plated Top, Base, Water Box, and Fittings.

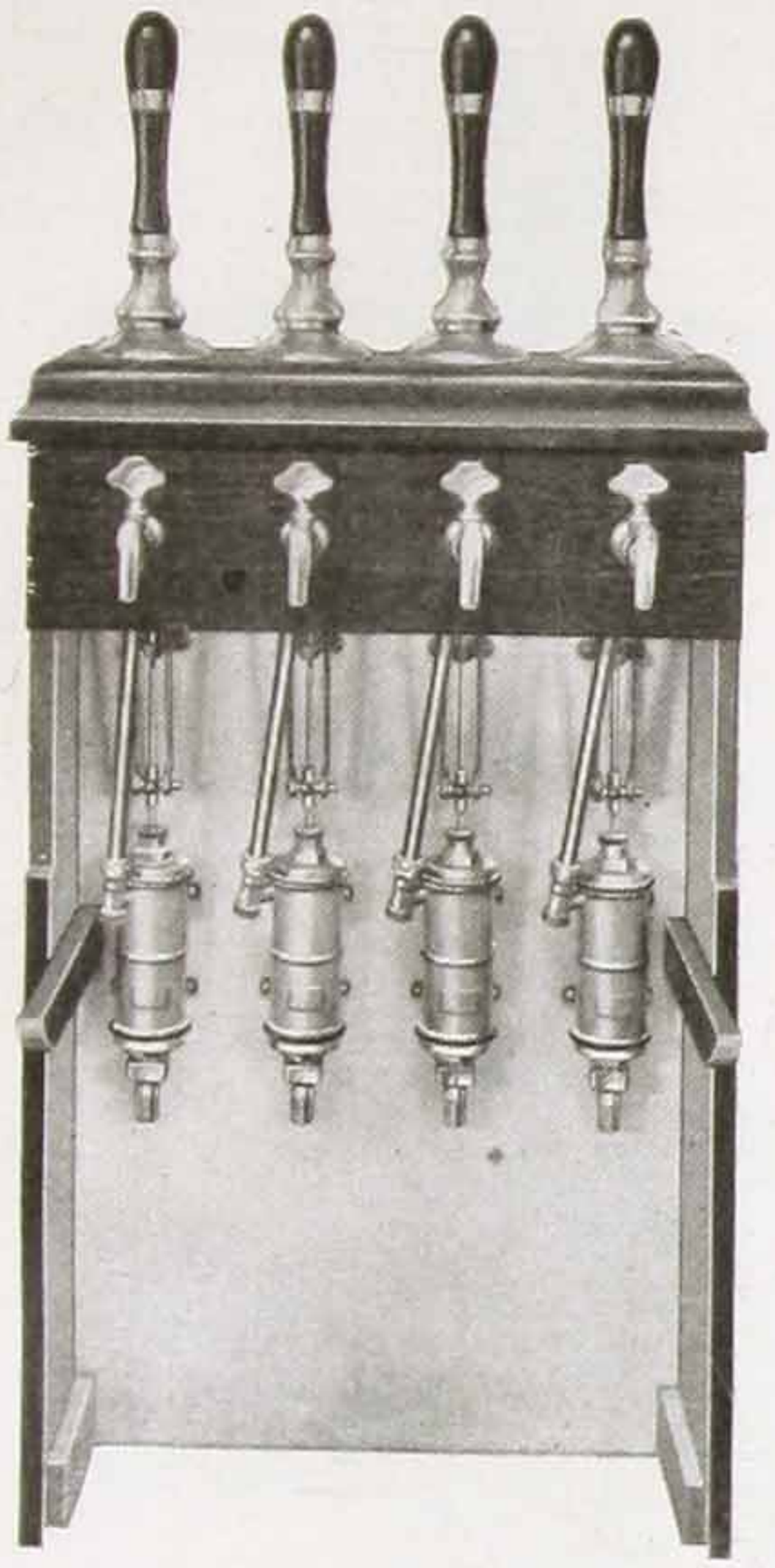
Designed to meet the requirements of the smaller type of Hotels, Cafes, Boarding Houses, etc., where BOILING WATER is quickly required.

Produces 120 pints BOILING WATER per hour or 1 gallon HOT WATER per minute.

Swing-out Burner for cleaning and renewals (not for lighting).



BAR FITTINGS



No. SF 1000

"ALMETAL" BEER ENGINE

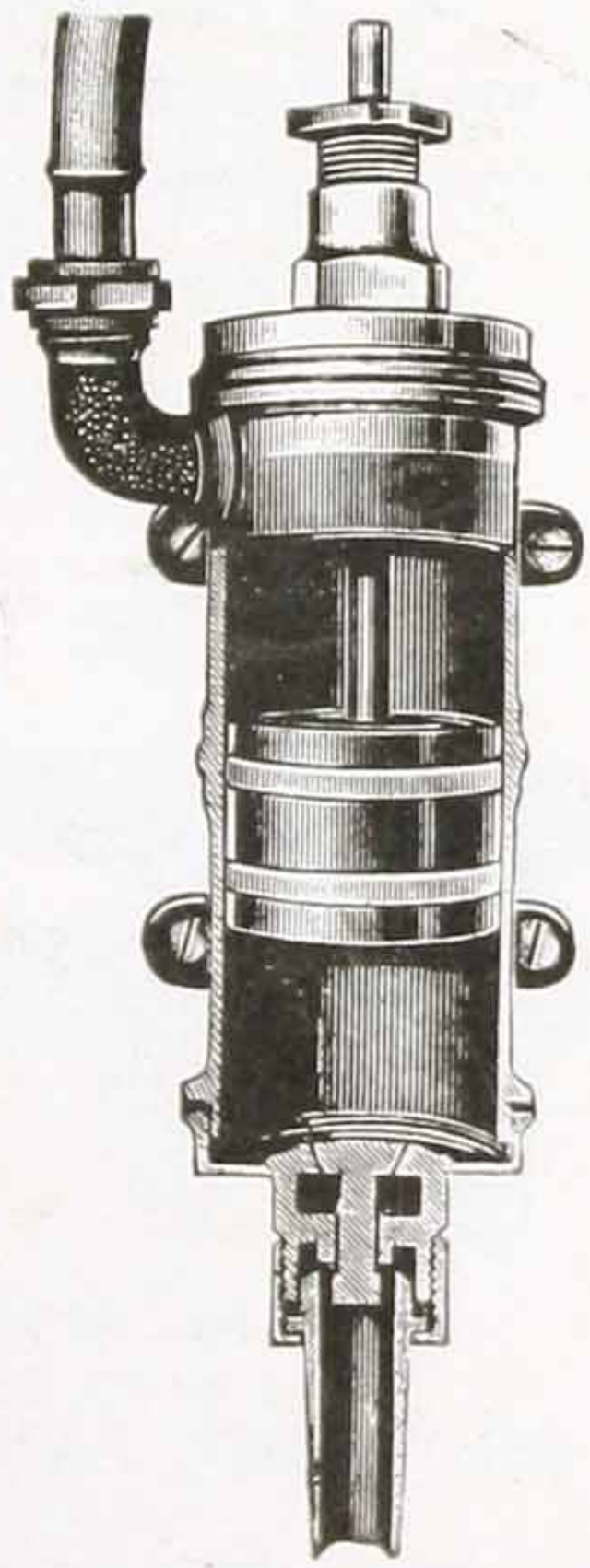
Patent No. 278,079.

Case O.G. Moulded, mahogany top, enamelled white inside, heavy mounts, solid Quadrants fitted with Ebony or Plastic Handles and Bands, Cylinders fitted with Patent "ALMETAL" Buckets. Stainless Metal Arm Pipes, Union on rising main with cleaning eye. Complete with Stainless Steel Trough and Spanner.

Brass or Chromium-Plated Mounts	2	3	4	5	6 pull

As no leather is used in the "ALMETAL" Cylinder, the Pull can be washed out with boiling water.

The Patent "ALMETAL" Bucket will last the life of the Cylinder.

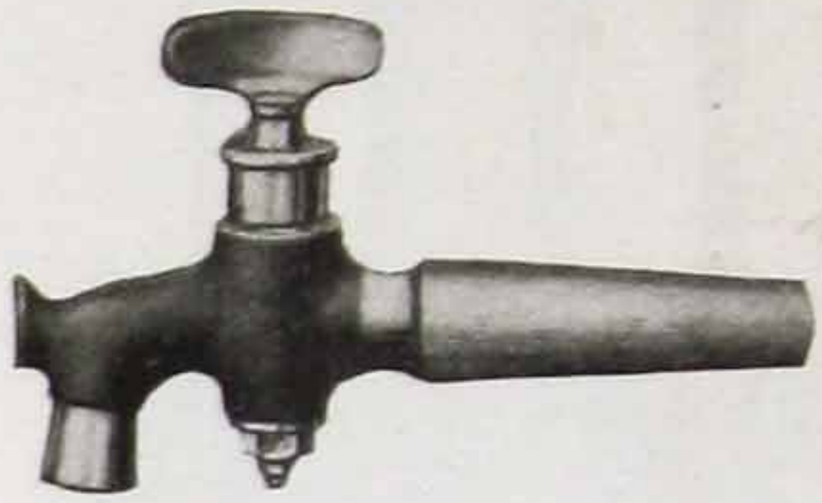


No. S.F. 1001

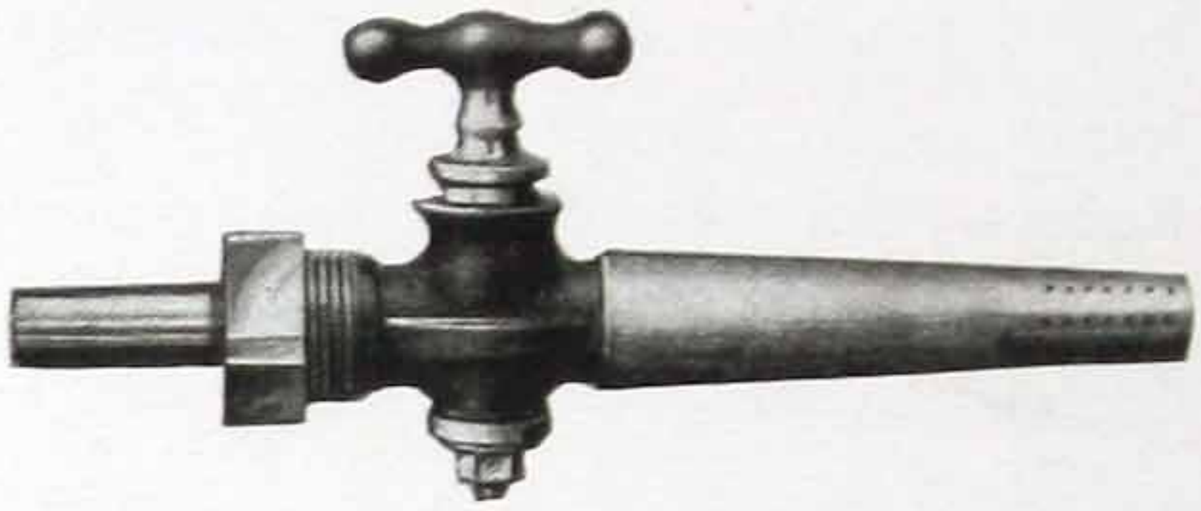
"ALMETAL" Beer Engine Cylinder, ½ pint size, illustration shows the Patent "ALMETAL" Bucket.

BAR FITTINGS

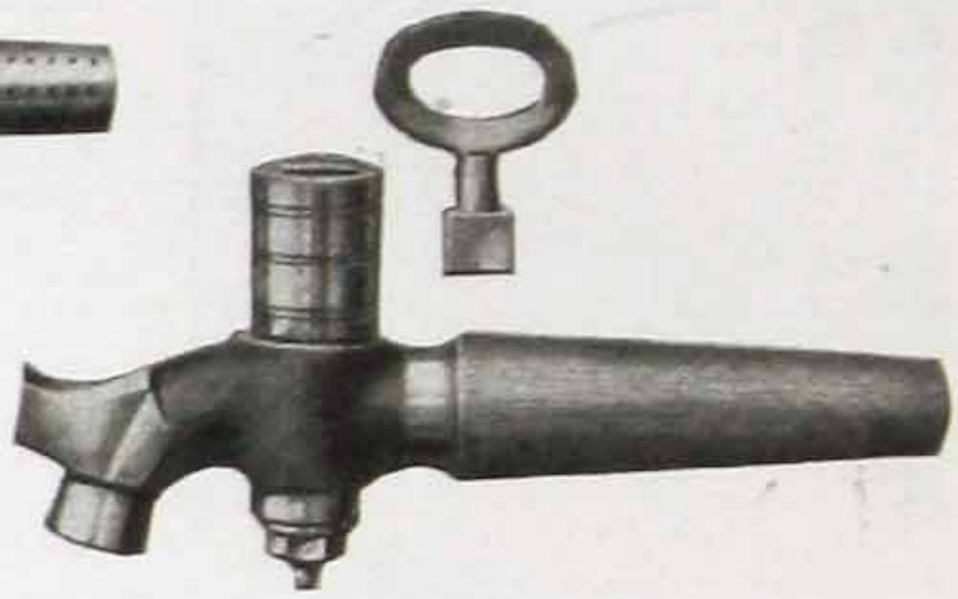
No. SF 310
STRAIGHT TAPPING COCK
With or Without Square Union



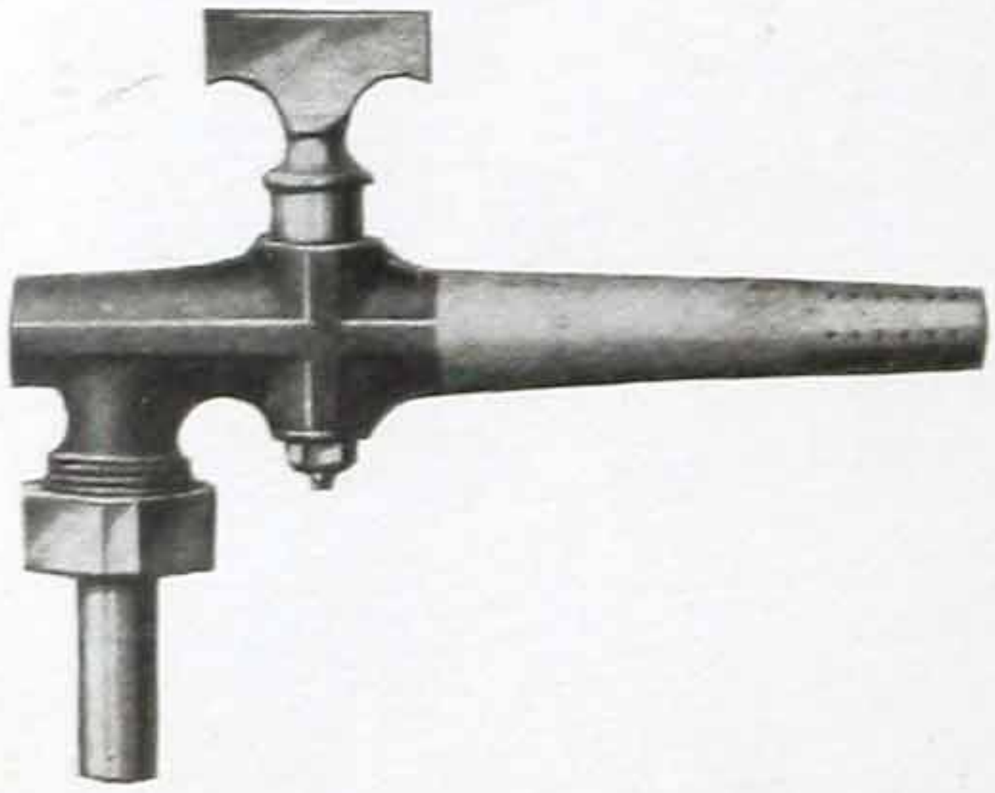
No. SF 318
SPIRIT RACKING COCK
½ ⅝ ¾ 1 1¼ in.



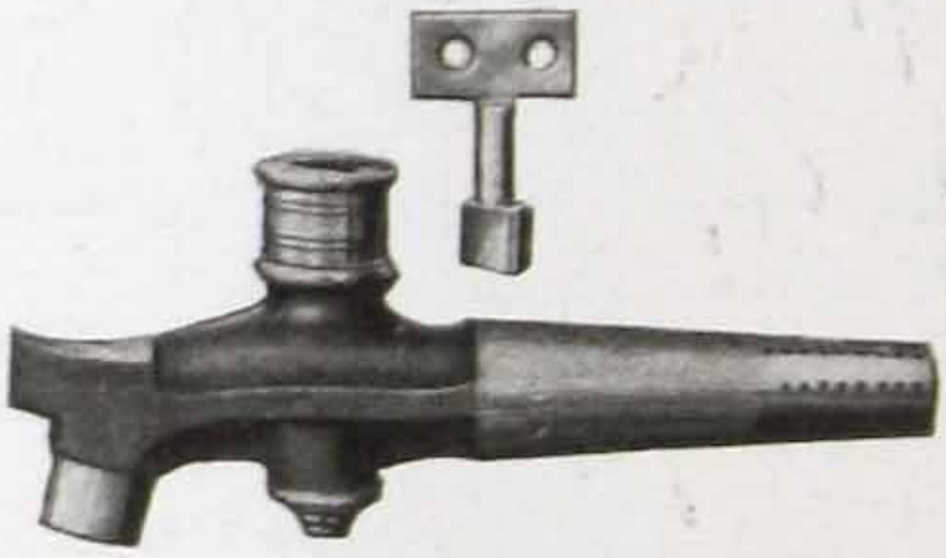
No. SF 741
STRAIGHT TAPPING COCK
Extra Heavy.
With or Without Wing Union



No. SF 317
SPIRIT RACKING COCK
With Loose Key.
½ ⅝ ¾ 1 1¼ in.



No. SF 314
BENT NOSE TAPPING COCK
With or Without Square Union

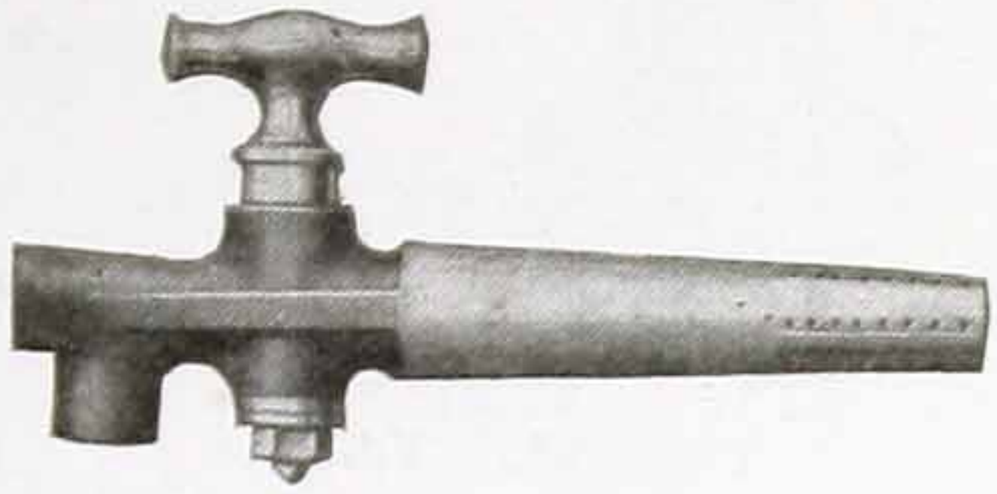


No. SF 315
BEER COCK
With Loose Key.
Length, 8 in.

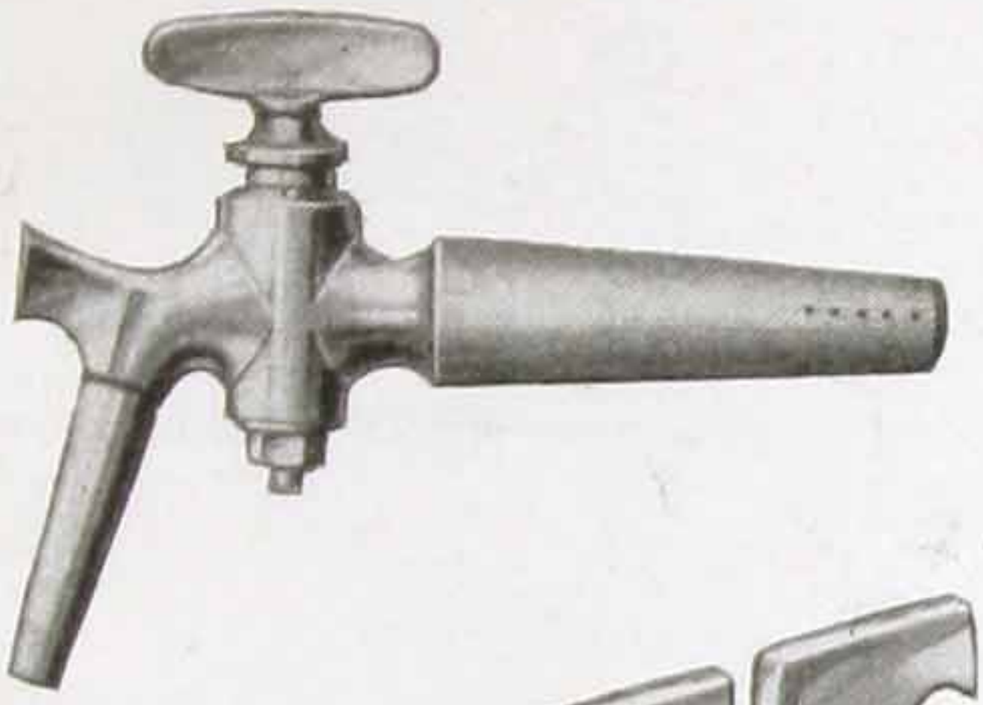
BAR FITTINGS

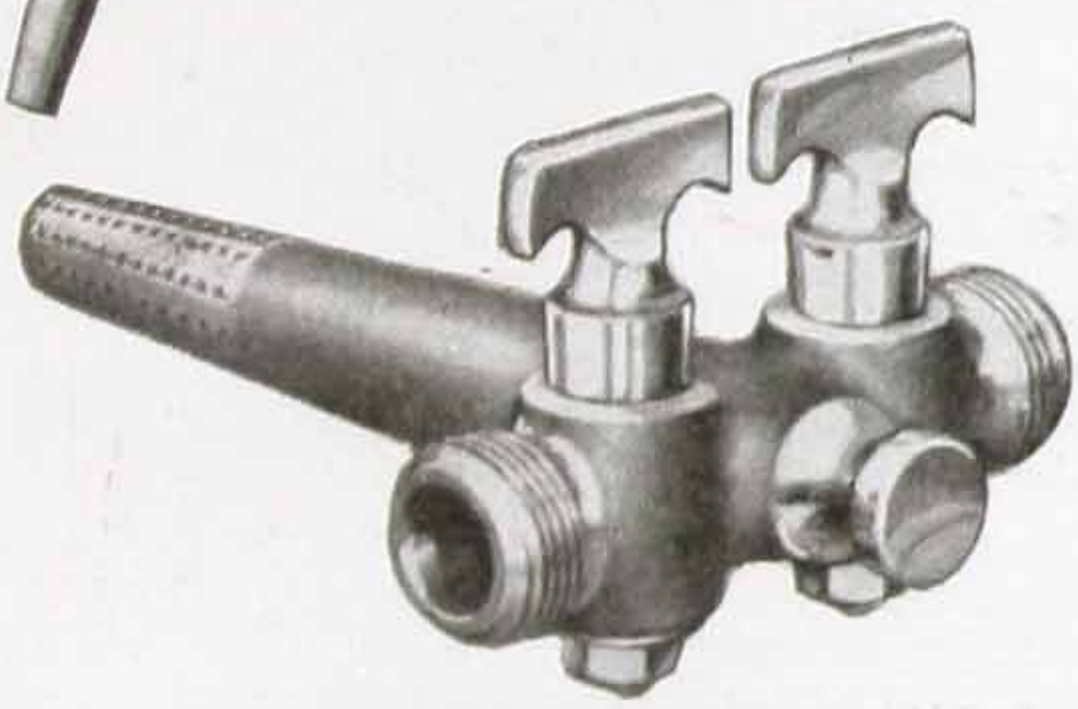
No. SF 311
BEER COCK
Extra Strong, with Rough Body.
Length, 8 in.

No. SF 312
With Rough Body. Length, 6¾ in.

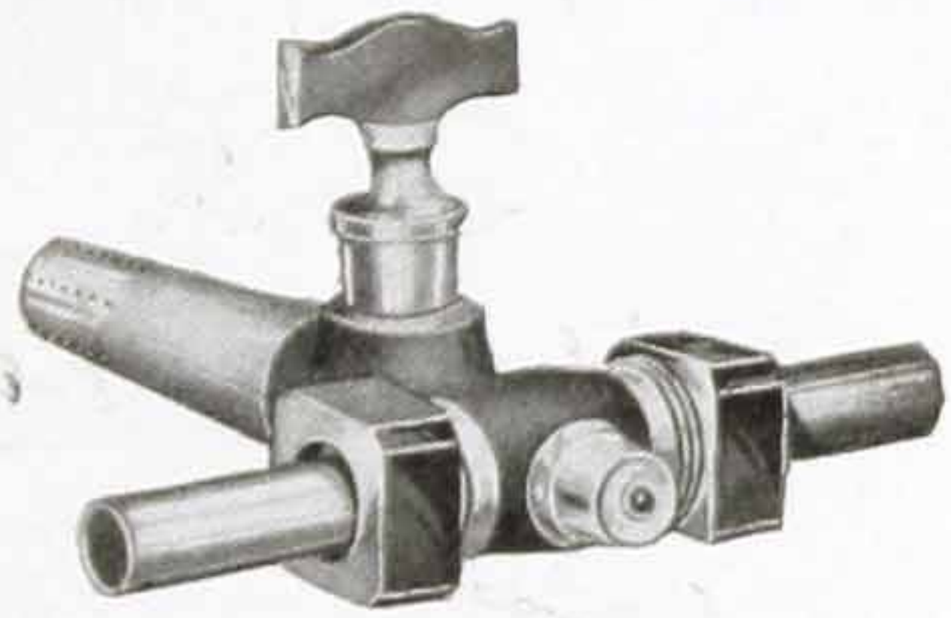


No. SF 348
WINE BOTTLING TAP
Size : ½ ⅝ in. Brass

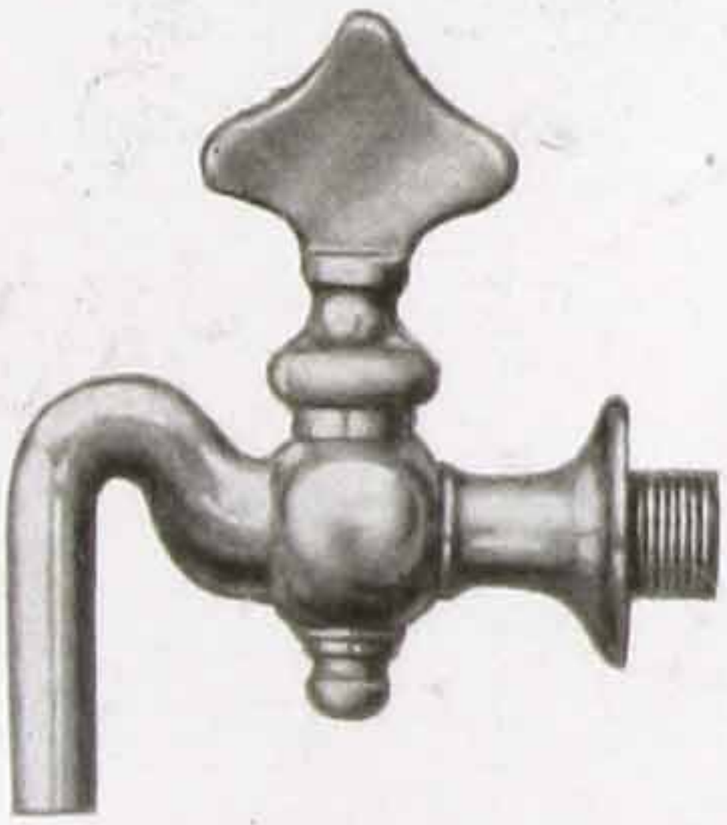




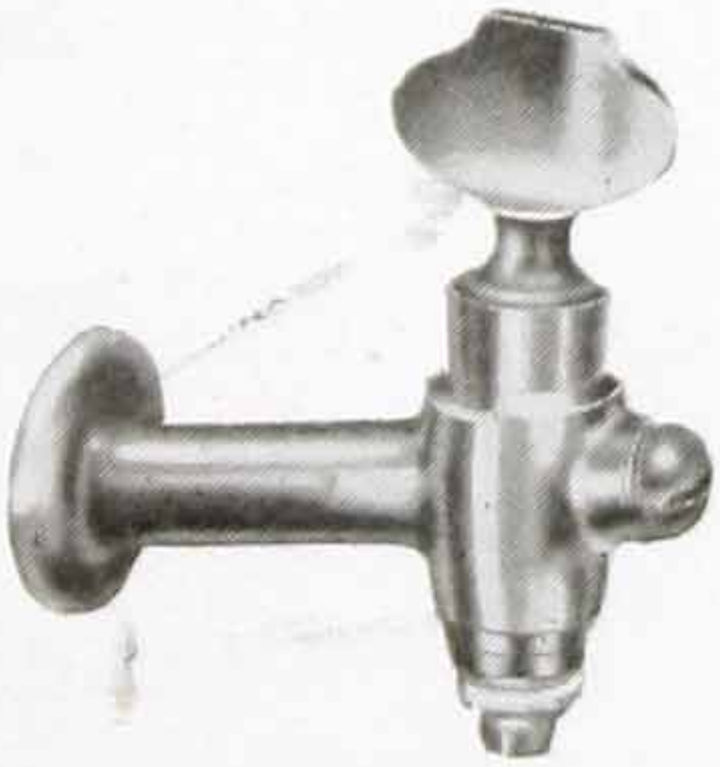
No. SF 319
TWO-WAY, TWO-PLUG
TAPPING COCK
With Unions



No. SF 320
TWO-WAY TAPPING COCK
With Unions
Single Plug



No. SF 750
FRONT TAP
Brass, Gun Metal, Beanco Silver, Chromium-plated.



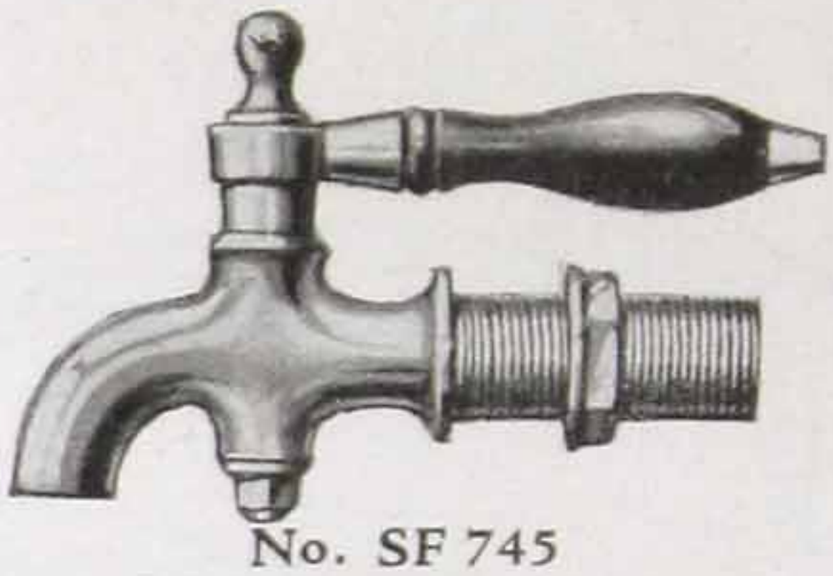
No. SF 751
EASYCLEAN FRONT TAP
With special nozzle attachment for putting a sparkle on beer.
Brass, Gun Metal, Chromium-plated.

TREACLE AND URN TAPS

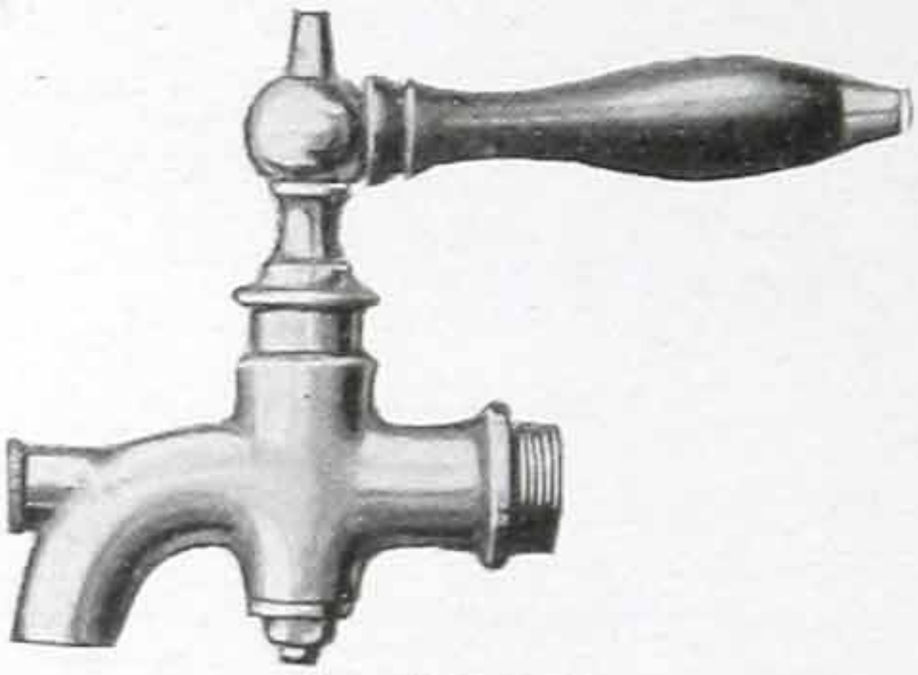
No. SF 723
IRON SYRUP or
TREACLE TAP

No. SF 722
IRON TREACLE TAP

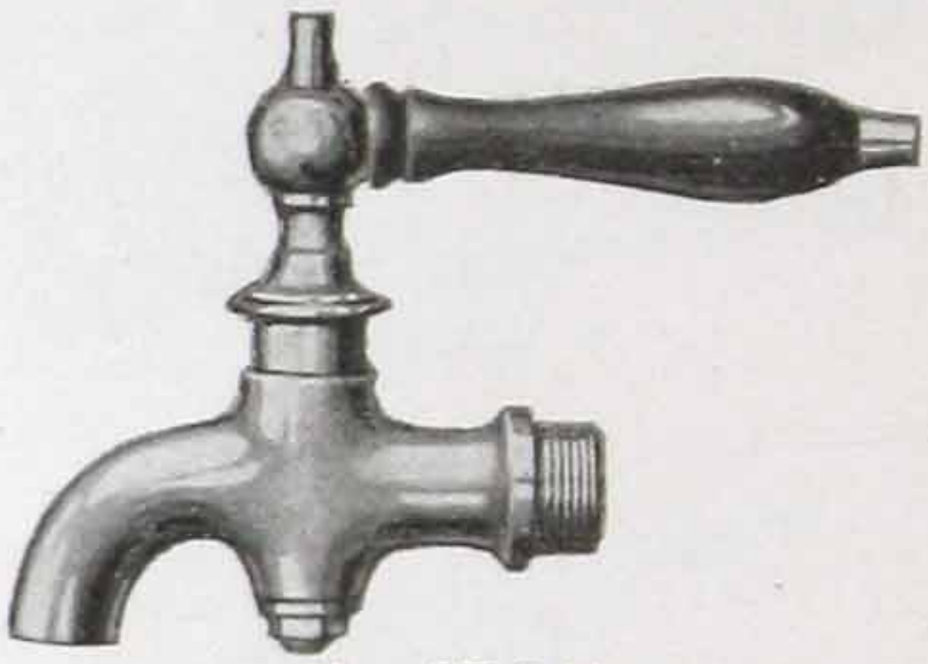
No. SF 354
SPIRIT KEG TAP
With Taper Tail
Brass and Nickel Plated



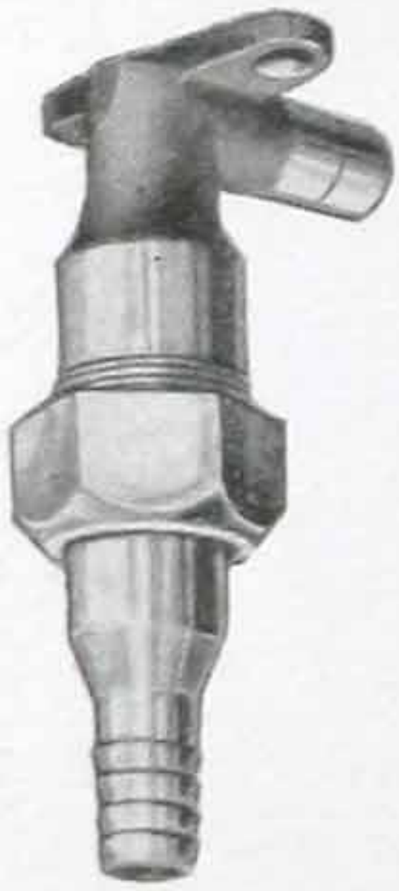
No. SF 745
BRASS URN TAP
With Ebony Handle, and Screwed Shank with Backnut
Size $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ ins.

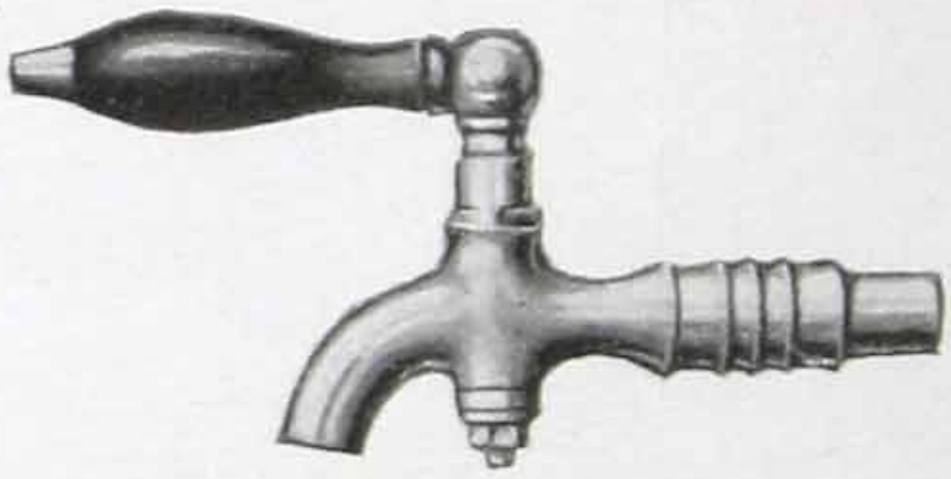


No. SF 742
BRASS AND CHROME
PLATED URN TAP
With Ebony Handle, Screwed Shank and Cleaning Screw fitted in nose
Size ... $\frac{5}{8}$ $\frac{3}{4}$ ins.



No. SF 744
BRASS AND CHROME
PLATED URN TAP
With Ebony Handle, Screwed Shank
Size ... $\frac{5}{8}$ $\frac{3}{4}$ ins.





No. SF 743
BRASS URN TAP
With Ebony Handle and Plain Shank
Size $\frac{1}{2}$ in.

No. SF 435
CEILING UNION FITTED
WITH ASSISTING VALVE

No. SF 331
ASSISTING VALVE

BAR FITTINGS

No. SF 756
BRASS
LENGTHENING
UNIONS
For Stainless Steel
Beer Pipe.
$\frac{5}{8}$ in. outside dia.

No. SF 758
BRASS
CEILING UNIONS
With cleaning eye for use with Telescopic Drop Pipes and $\frac{5}{8}$ in. outside diameter Stainless Steel Beer Pipe.

No. SF 757
BRASS
SERVICE PIPE
BEND
Suitable for $\frac{5}{8}$ in. outside diameter Stainless Steel Beer Pipe.

No. SF 343
TAPPING COCK
HOP STRAINER

No. SF 339
COPPERED OR
NICKEL-PLATED
BEER TUBING
CLIPS
Sizes ... $1\frac{1}{8}$ $1\frac{1}{4}$ in.

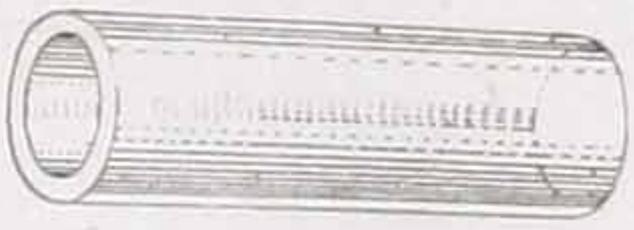
No. SF 341
PUMP BUCKET
LEATHER
Sizes
$2\frac{1}{4}, 2\frac{3}{8}, 2\frac{1}{2}, 2\frac{5}{8}, 2\frac{3}{4}, 3$ in.

No. SF 337
PAPER TAPPING
CONES

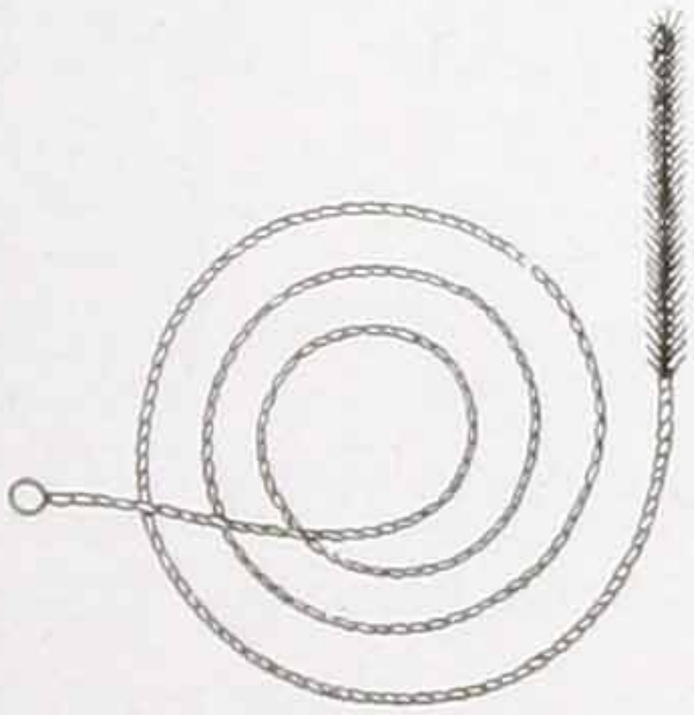
No. SF 340
BEER ENGINE
SPANNER

No. SF 336
BLANK CAP

No. SF 342
TAPPING COCK
WASHER

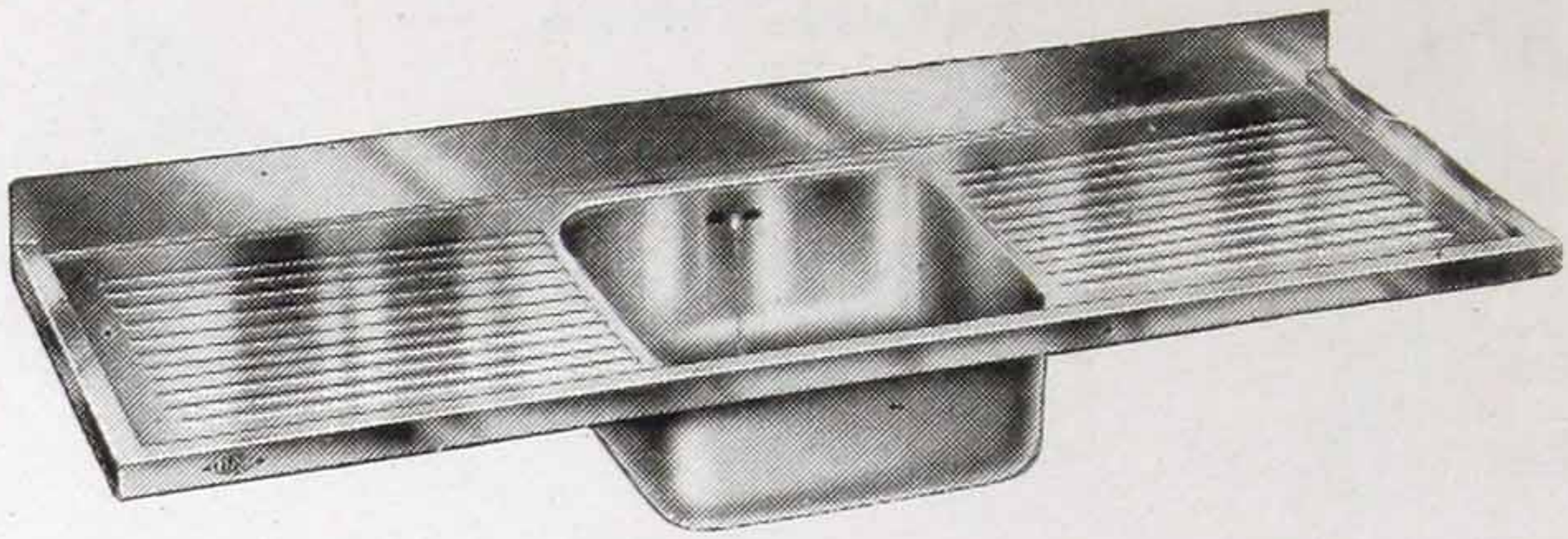


No. SF 754
TRANSPARENT
PLASTIC
BEER PIPE
$\frac{5}{8}$ in. bore.



No. SF 344
BRUSH FOR
CLEANING
BEER PIPES

No. SF 755
STAINLESS STEEL
BEER PIPE
$\frac{5}{8}$ in. outside diam. × 21 g.
plug drawn inside,
polished outside.

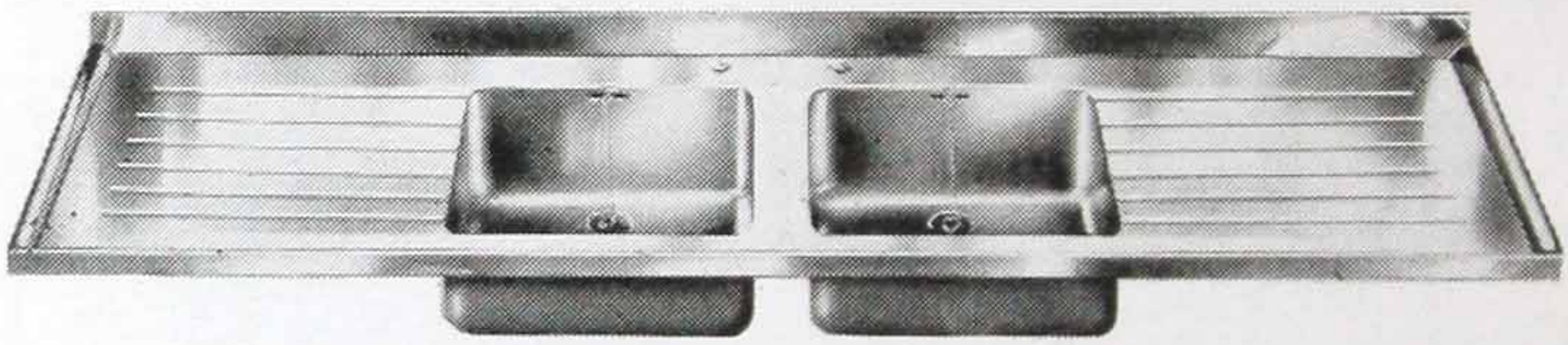


No. SF 752

STAINLESS STEEL BAR SINKS

With 3 in. splash back and straight fluted drain boards with pressed-in fall, Size of bowl 15 in. × 14 in. × 7 in. complete with overflow, and $1\frac{1}{4}$ in. waste, chain and plug.

Overall sizes: 36 in. × 18 in. 42 in. × 18 in. 48 in. × 18 in. 54 in. × 18 in. 60 in. × 18 in. 66 in. × 18 in. 72 in. × 18 in.



No. SF 753

STAINLESS STEEL BAR SINKS

With Double Drainers and Double Bowls, $13\frac{1}{2}$ in. × $13\frac{1}{2}$ in. × $7\frac{1}{2}$ in. deep, 3 in. high back, $1\frac{1}{2}$ in. C.P. wastes, plugs, chains and overflows.

Overall sizes: 48 in. × 18 in. 54 in. × 18 in. 60 in. × 18 in. 66 in. × 18 in. 72 in. × 18 in.

LEAD WOOL (For Jointing)

The joint should first be yarned with plain yarn (not tarred) and caulked back hard. The Lead Wool should then be twisted into a rope and each layer thoroughly caulked.

Material for Single Collar Joint.

For pressures up to 500 lbs. per square inch.

Diam.	Depth	Weight
in.	in.	lbs. oz.
2	1	1 1
3	1 1/8	1 10
4	1 1/4	2 2
5	1 1/4	2 10
6	1 3/8	3 12
7	1 3/8	4 13
8	1 3/8	5 5
9	1 3/8	6 6
10	1 3/8	8 0
12	1 3/8	9 9
14	1 1/2	11 11
15	1 1/2	12 12
16	1 1/2	13 5
18	1 5/8	15 15
20	1 5/8	17 9
24	1 5/8	20 12

Material for Double Collar Joint.

For pressures up to 500 lbs. per square inch.

FRONT OF SOCKET			BACK OF SOCKET		
Diam.	Depth	Weight	Diam.	Depth	Weight
in.	in.	lbs. oz.	in.	in.	lbs. oz.
2	1	1 1	2	1/2	0 9
3	3/4	1 1	3	3/4	1 1
4	1 1/4	2 2	4	5/8	1 1
5	1 1/4	2 10	5	1/2	1 1
6	1 3/8	3 12	6	3/8	1 1
7	1 1/8	4 4	7	1/2	2 2
8	1 3/8	5 5	8	3/4	2 10
9	1 3/8	6 6	9	1/2	2 10
10	1 3/8	8 0	10	1/2	3 3
12	1 3/8	9 9	12	5/8	4 4
14	1 1/2	11 11	14	3/4	5 14
15	1 1/2	12 12	15	3/4	6 6
16	1 1/2	13 5	16	3/4	6 15
18	1 5/8	15 15	18	13/16	8 0
20	1 5/8	17 9	20	13/16	8 8
24	1 5/8	20 12	24	13/16	10 2

PERFORATED ZINC

Stocked in sheets 8 ft. × 3 ft.

Flyproof quality, 8-hole, 6 Z.G.
Heavy ,, 10-hole, 16 S.W.G.

No. B 2940

No. B 2941

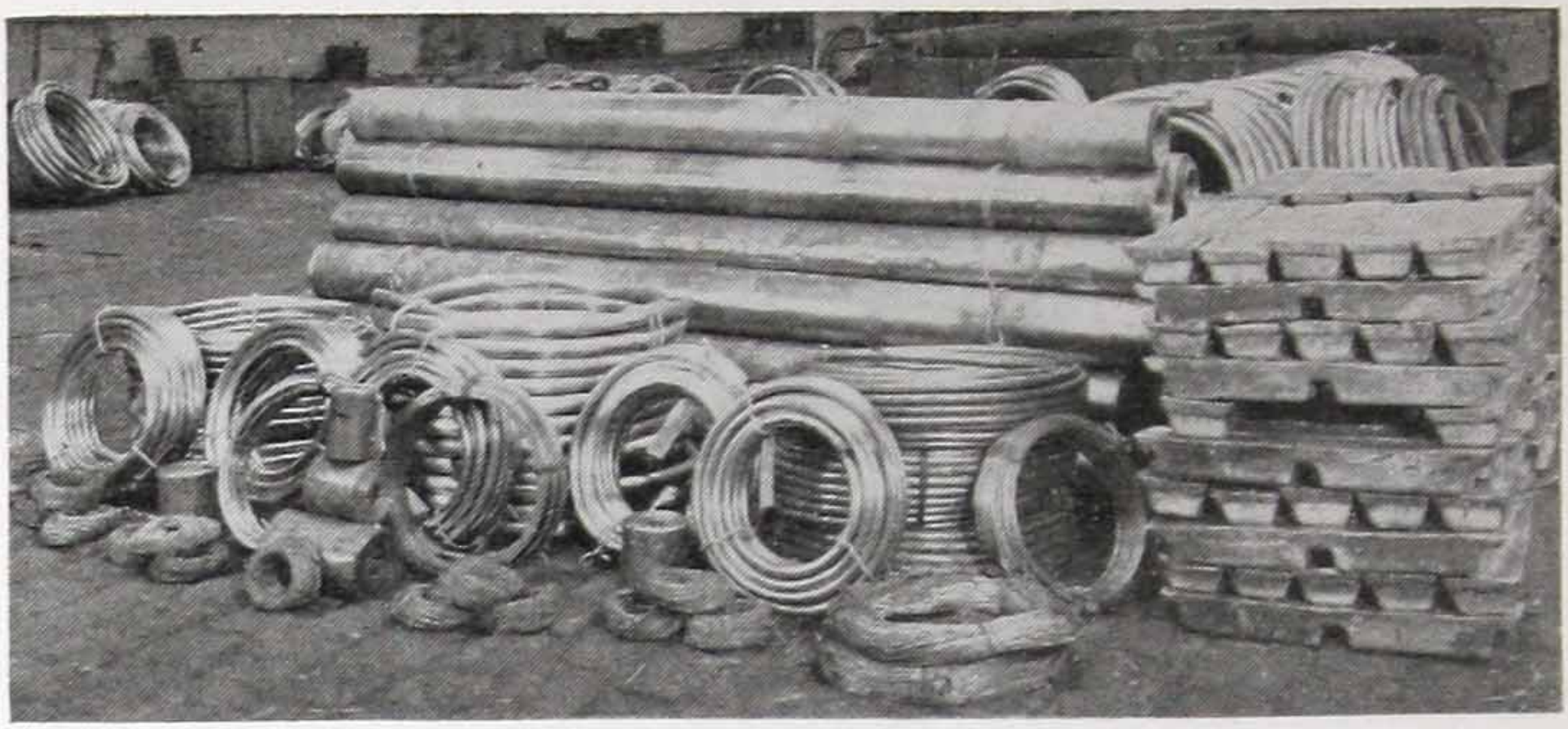
No. B 2942

No. B 2943

All other gauges and perforations supplied to order.

ZINC SASH BAR. ZINC SLATING NAILS and TACKS.

—— Current prices on Application. ——



A view taken in our lead mills

SHEET LEAD

APPROXIMATE WEIGHTS PER SHEET

	Size of Sheet	cwts.	qrs.	lb.
2 lb. per ft. super	30 ft. by 8 ft.	4	1	0
2½ ,, ,,	,, ,,	5	2	0
3 ,, ,,	,, ,,	6	2	0
3½ ,, ,,	,, ,,	7	2	0
4 ,, ,,	,, ,,	8	2	0
4½ ,, ,,	,, ,,	9	3	0
5 ,, ,,	,, ,,	10	3	0
5½ ,, ,,	,, ,,	11	3	0
6 ,, ,,	,, ,,	13	0	0
6½ ,, ,,	,, ,,	14	0	0
7 ,, ,,	,, ,,	15	0	0
8 ,, ,,	,, ,,	17	0	0

Other strengths to order.

LEAD WATER PIPES

Tinned inside if required.

Table of Standard Bores and Weights of Non-Chemical Lead Pipe

	Standard Light Pipe lbs. per yd.	Standard Heavy Pipe lbs. per yd.	Basis Weights lbs. per yd.
Bore ⅜ in.	1½	3, 3½, 4, 5, 6, 7	3
,, ½ ,,	2, 2½, 3	4, 5, 6, 7, 8, 9, 10	4
,, ⅝ ,,	3, 3½, 4	7, 8, 9	5
,, ¾ ,,	4, 5	6, 7, 8, 9, 10, 10½, 11, 12, 13, 14, 15, 16, 18	6
,, 1 ,,	5, 6, 7	8, 9, 10, 12, 13, 14, 16, 17, 18, 21	8
,, 1¼ ,,	5, 6, 7, 8	9, 10, 12, 14, 16, 18, 21, 22½, 23, 28	9
,, 1½ ,,	7, 8, 9	10, 10½, 11, 12, 14, 15, 16, 18, 20, 24, 27, 30, 35	10
,, 2 ,,	10, 12, 14	16, 18, 21, 22, 24, 25, 28, 30, 38	16
,, 2½ ,,	12, 12½, 14, 16, 16½	There are no standard heavy pipes in these bores	26
,, 3 ,,	15, 17, 18, 20		36
,, 3½ ,,	17, 18, 20		42
,, 4 ,,	19, 20, 22, 23, 24, 26		48
,, 4½ ,,	22, 27, 29		50
,, 5 ,,	30, 41		70
,, 6 ,,	34, 57		90

NOTE.—The basis weight of any bore not indicated in the above table shall be regarded as the same weight of the next larger bore.

ZINC

Table showing the Weights of various Gauges of Zinc Sheets up to 21 Gauge.

ENGLISH ZINC GAUGE

Zinc Gauge	Nearest I.S.W.G.	Thickness dec. ins.	Ozs. per sq. ft.	Approx. Weight per Sheet 7 ft. × 3 ft. lbs.	ozs.	Approx. Weight per Sheet 8 ft. × 3 ft. lbs.	ozs.
1	42	.004	2.4	—		—	
2	38	.006	3.6	4	11	—	
3	37	.007	4.2	5	8	6	5
4	35	.008	4.79	6	5	7	3
5	33	.010	5.99	7	14	9	0
6	32	.011	6.59	8	10	9	14
7	29	.013	7.79	10	4	11	11
8	28	.015	8.99	11	13	13	8
9	27	.017	10.19	13	6	15	5
10	25	.019	11.39	14	15	17	1
11	24	.022	13.18	17	5	19	12
12	23	.025	14.98	19	11	22	8
13	22	.028	16.78	22	0	25	3
14	21	.031	18.58	24	6	27	14
15	20	.036	21.57	28	5	32	6
16	19	.041	24.57	32	4	36	14
17	18	.046	27.57	36	3	41	6
18	—	.051	30.56	40	2	45	14
19	17	.057	34.16	44	13	51	4
20	16	.063	37.76	49	9	56	10
21	15	.070	41.95	55	1	62	15

IMPERIAL STANDARD WIRE GAUGE

Gauge No.	Thickness dec. in.	Weight per sq. ft. lbs.	ozs.	Approx. Weight per Sheet 7 ft. × 3 ft. lbs.	ozs.	Approx. Weight per Sheet 8 ft. × 3 ft. lbs.	ozs.
1	.300	11	3.79	236	0	269	11
2	.276	10	5.41	217	2	248	2
3	.252	9	7.02	198	3	226	9
4	.232	8	11.04	182	8	208	9
5	.212	7	15.05	166	12	190	9
6	.192	7	3.06	151	0	172	10
7	.176	6	9.48	138	7	158	3
8	.160	5	15.89	125	14	143	13
9	.144	5	6.3	113	4	129	7
10	.128	4	12.71	100	11	115	1
11	.116	4	5.52	91	4	104	4
12	.104	3	14.33	81	13	93	8
13	.092	3	7.14	72	6	82	11
14	.080	2	15.94	62	15	71	15

The weights shown are based on 1 square foot × 1 in. thick = 37.456 lbs. (Sp. Gr. 7.2) and all are subject to usual Works tolerance of half a gauge either way.

COPPER TUBES—USEFUL INFORMATION

BRITISH STANDARD SPECIFICATION No. 659—1955

Nominal Weights of Light Gauge Copper Tubes for Water, Sanitation and Gas

Nom. Size in.	Actual Out. Dia. in.	WATER AND GAS			SANITATION		
		Actual Bore in.	Thickness of Tube Wall	Lb. per ft.	Actual Bore in.	Thickness of Tube Wall	Lb. per ft.
			S.W.G.			S.W.G.	
½	.596	.516	19	.27			
¾	.846	.766	19	.39			
1	1.112	1.016	18	.62	1.016	18	.62
1¼	1.362	1.266	18	.76	1.266	18	.76
1½	1.612	1.516	18	.91	1.516	18	.91
2	2.128	2.016	17	1.40	2.032	18	1.21
2½	2.628	2.516	17	1.74	2.532	18	1.50
3	3.144	3.016	16	2.38	3.032	17	2.09
3½	3.660	3.516	15	3.12	3.548	17	2.44
4	4.184	4.024	14	3.97	4.056	16	3.19

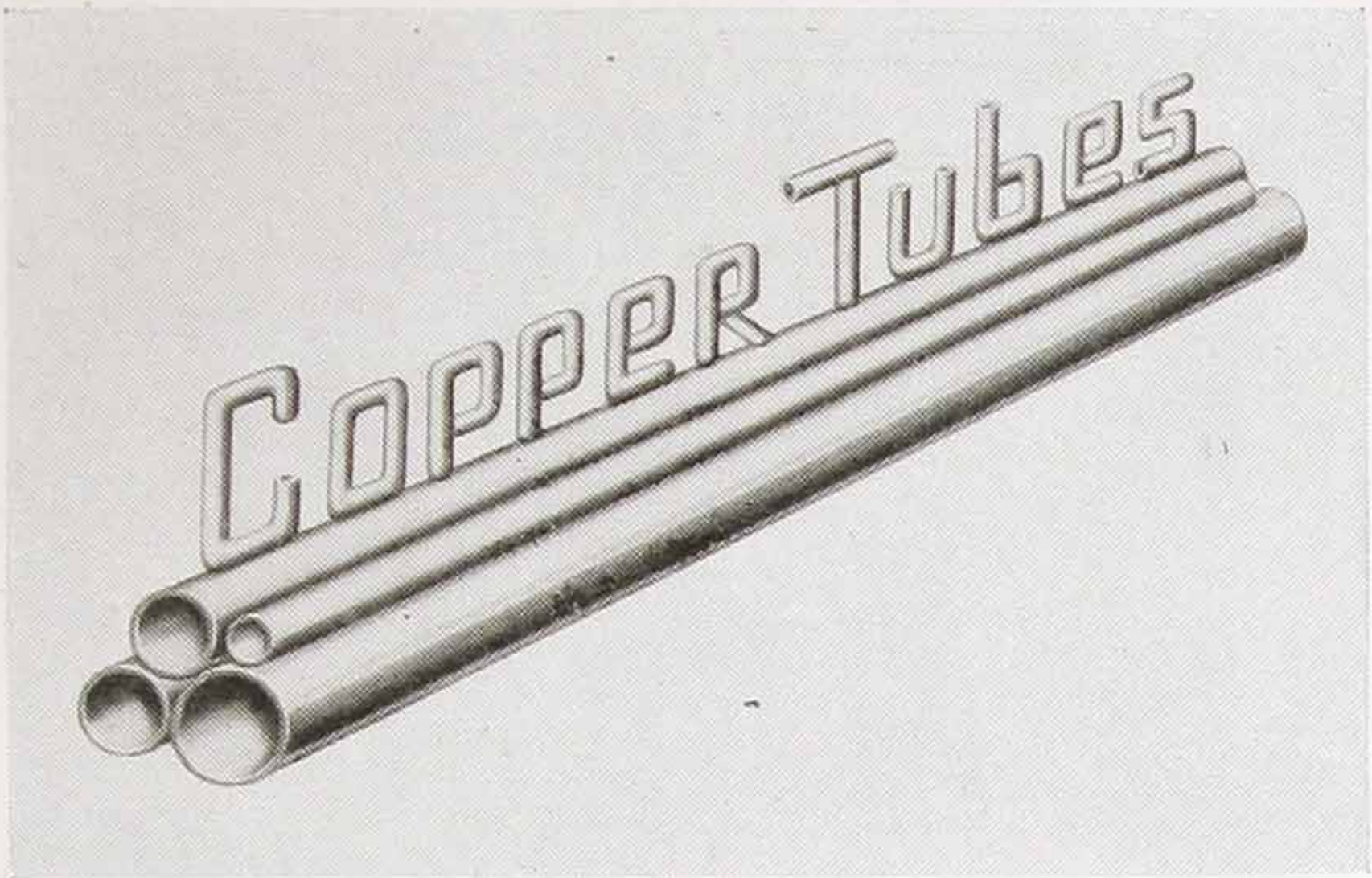
COPPER TUBES FOR SCREWING

TABLE OF B.S. Tab. 1 THREADS AND COPPER TUBES

Nominal Size in.	No. of Threads per in.	Standard Outside Dia. in.	Thickness S.W.G.	Theoretical Weight per foot lb.
½	20	0-650	13	0.658
¾	20	0.902	13	0.958
1	20	1.168	12	1.414
1¼	20	1.418	12	1.746
1½	20	1.668	12	2.079
2	16	2.194	10	3.394
2½	16	2.694	9	4.684
3	16	3.218	9	5.648

TABLE OF B.S. Tab. 2 THREADS AND COPPER TUBES

Nominal Size in.	No. of Threads per in.	Standard Outside Dia. in.	Thickness S.W.G.	Theoretical Weight per foot lb.
½	14	0.837	11	1.060
¾	14	1.054	10	1.517
1	11	1.324	9	2.163
1¼	11	1.665	8	3.051
1½	11	1.897	7	3.823
2	11	2.363	6	5.247
2½	11	2.976	5	7.411
3	11	3.476	4	9.484



LIGHT GAUGE COPPER TUBES B.S.S. 659/1955

For water, gas, and sanitation, suitable for domestic use. Can be connected by compression or capillary fittings or by bronze or autogenous welding.
In random lengths 15/20 feet ; for sizes and further details, see Tables on page 224.

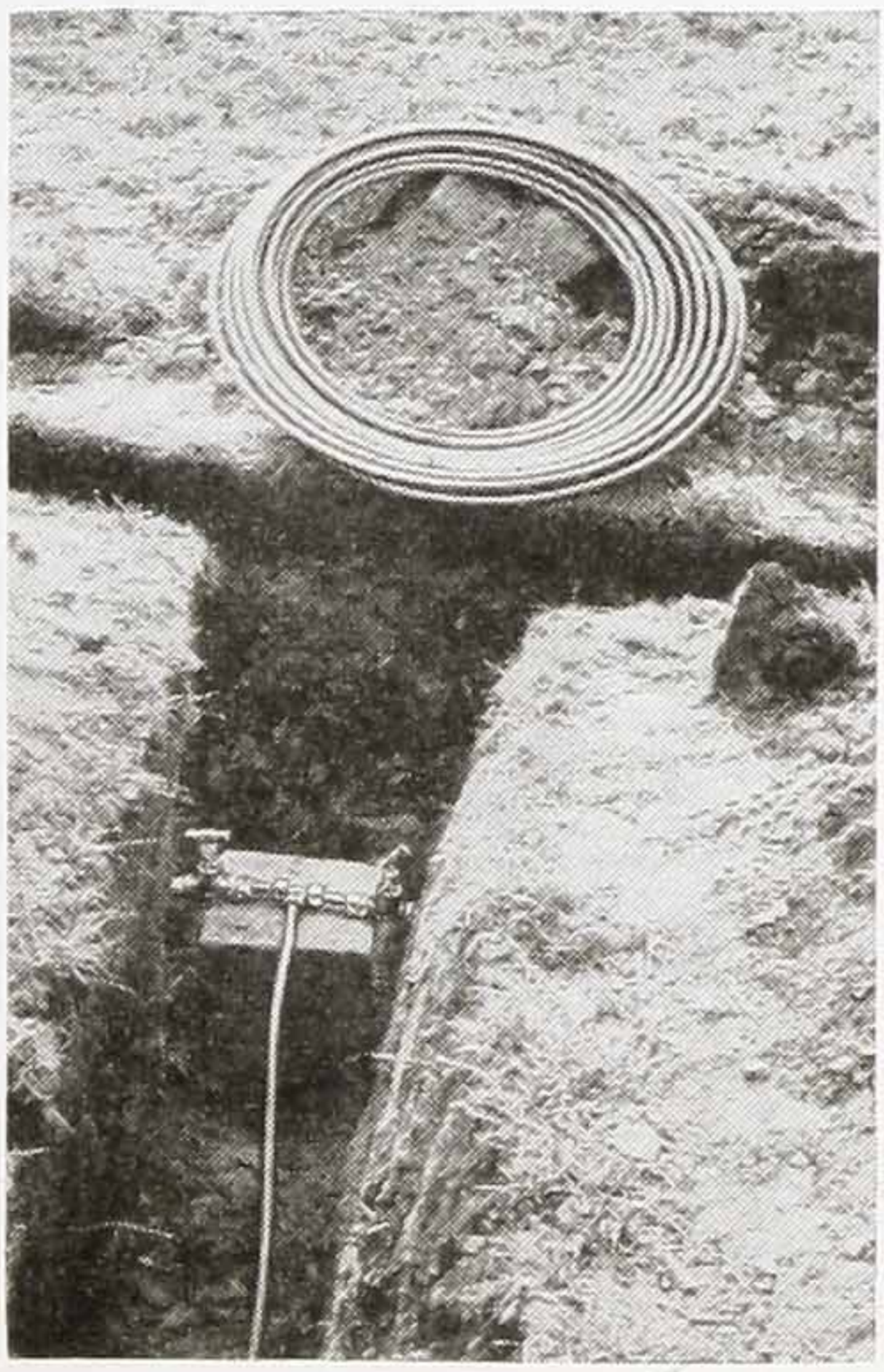
UNDERGROUND COPPER TUBE

B.S.S. 1386/1947

For burying underground for the conveyance of water, town gas, etc.

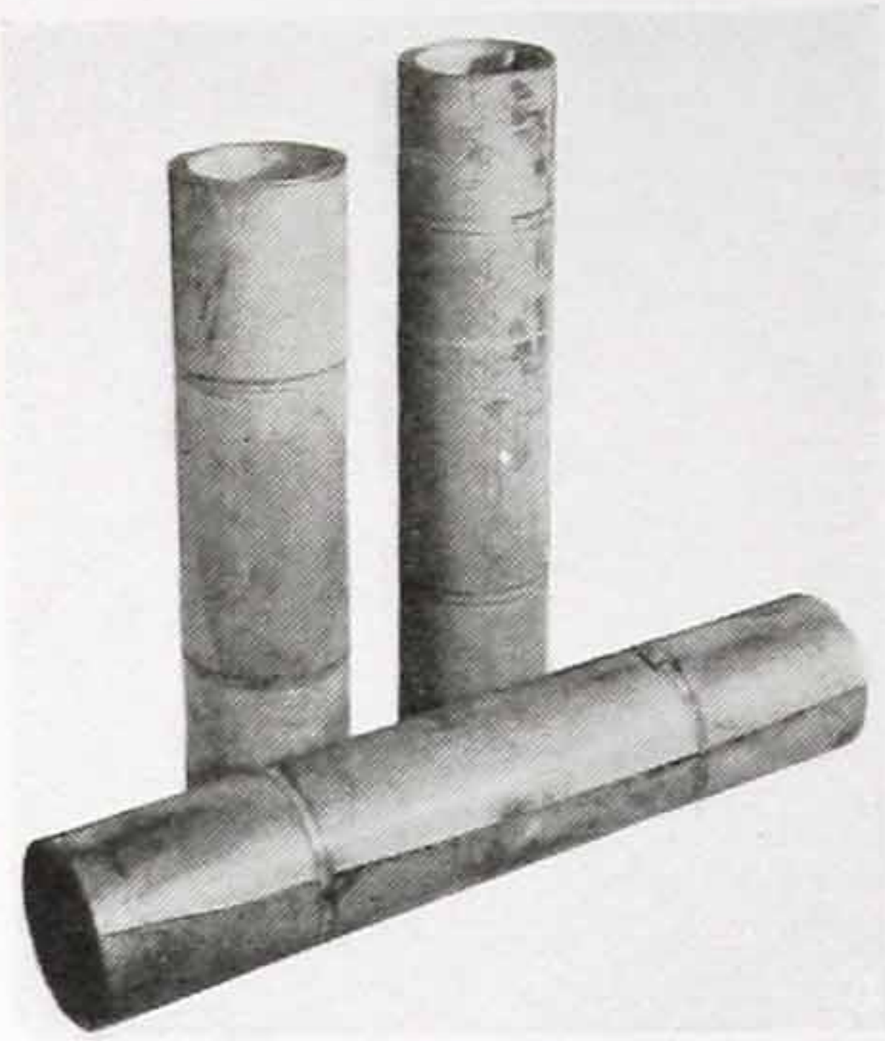
Tubes with nominal bores between ½ in. and 1¼ in. inclusive, are normally supplied in coils of 50/60 feet, but ½ in. and ¾ in. sizes can be manufactured in coils of 100 feet.

Nominal bore in.	Outside diameter in.	S.W.G.	Approx. weight lbs. per ft.
½	0·596	18	0·319
¾	0·846	17	0·536
1	1·112	16	0·812
1¼	1·362	16	1·006



BAXENDALE & CO. LTD.

METALS FOR ROOFING



COLD ROLLED COPPER SHEET

For Flashing and Roofing—Soft Quality, in coils 50 feet to 75 feet long.

Width	S.W.G.	Approx. Weight per coil
24 in.	26	1 cwt.
30 in.	26	1 cwt.
36 in.	26	1¼ cwts.

SUPER PURITY ALUMINIUM

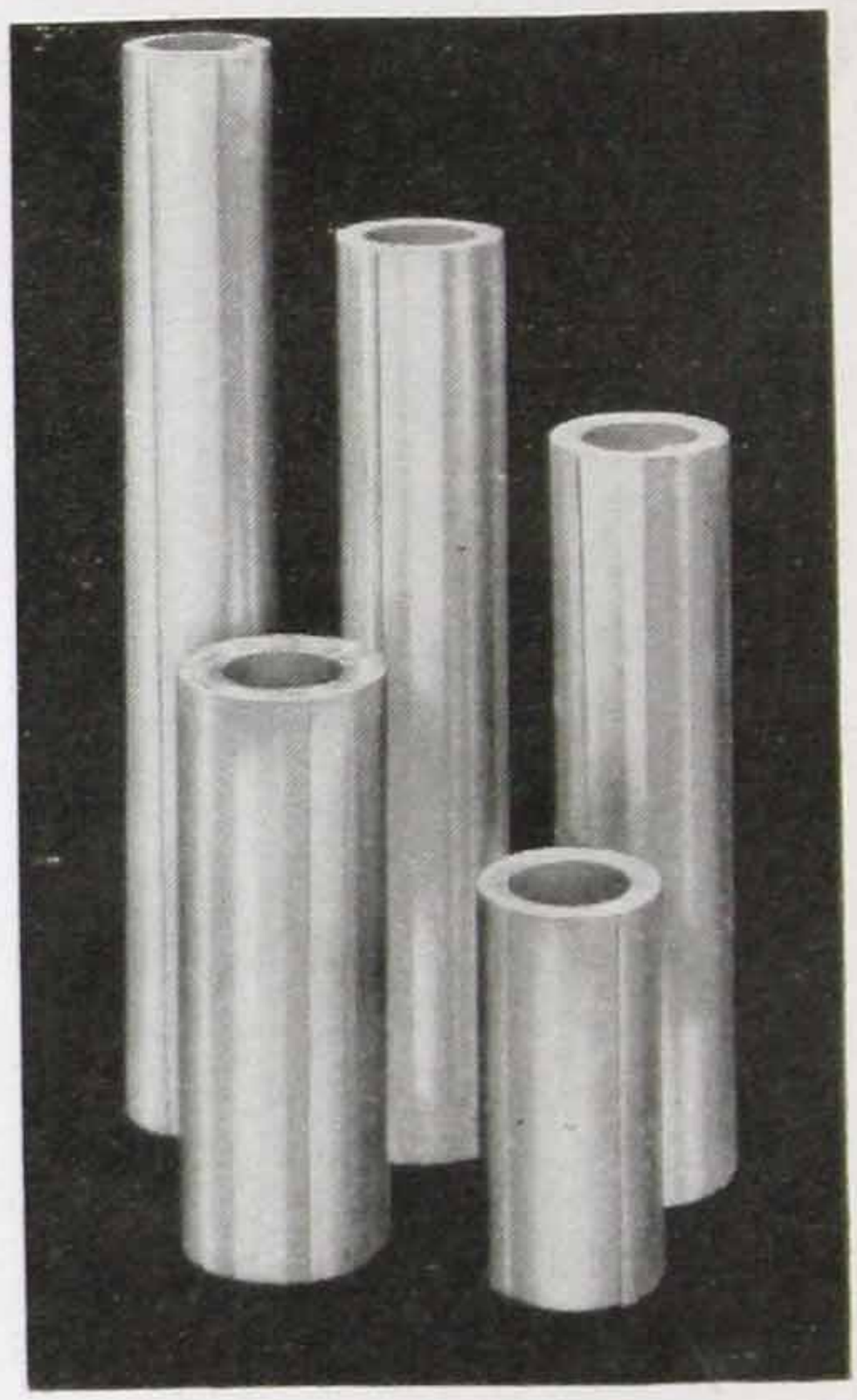
99.99%

For Flashing and General Roofing Work.

Stocked in 20 S.W.G. Rolls weighing approximately 28 lbs. per roll.

Widths : 24 in. 30 in. 36 in.

Approximate Coverage per roll = 55 sq. ft.



We are Stockists of :—

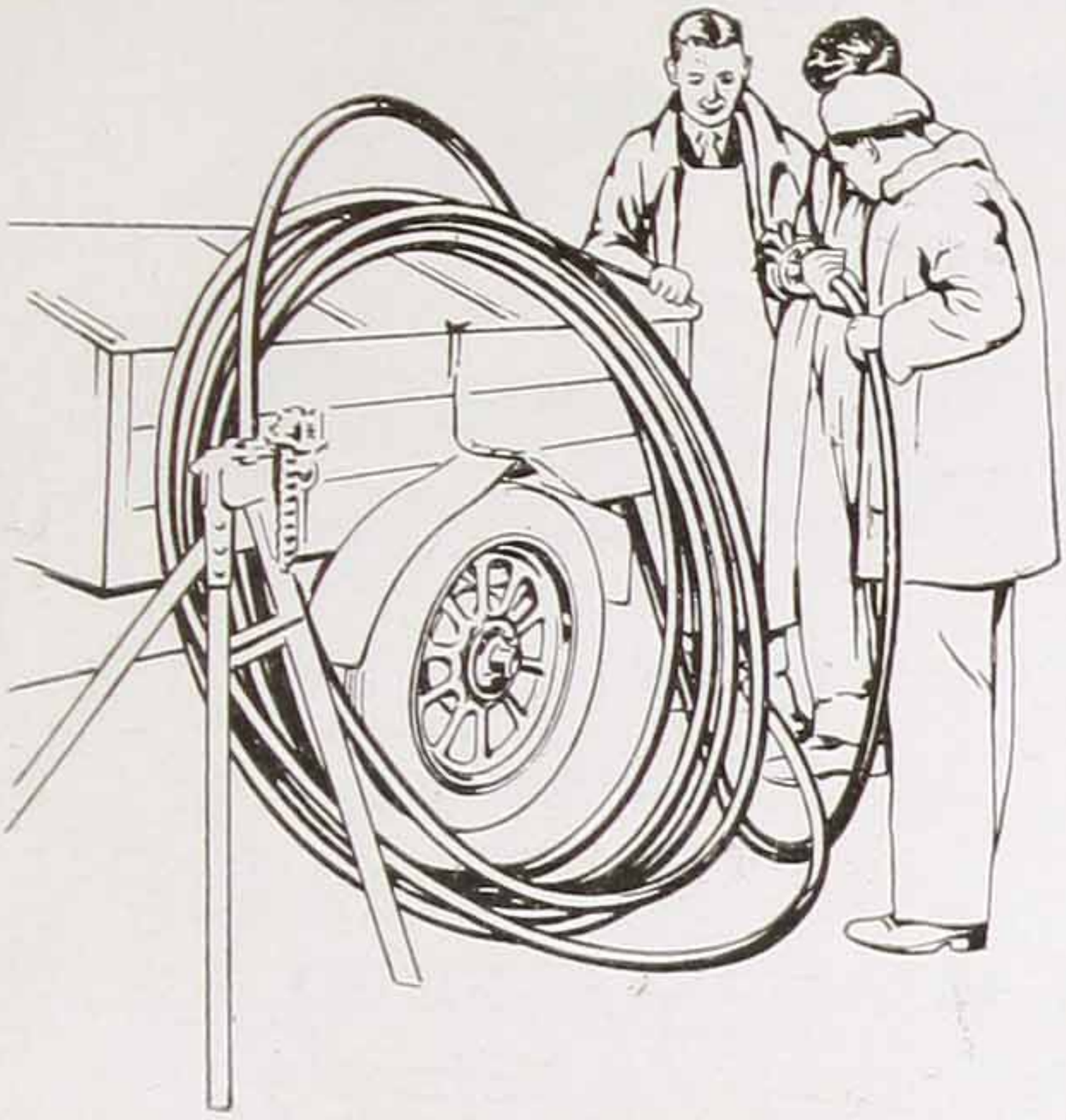
CERROBEND — a low temperature melting alloy — the ideal filler for all types of tube bending.

CERROMATRIX — a low temperature melting expanding alloy — reduces costs in all forms of tool making and engineering.

MILLER STREET · MANCHESTER

POLYTHENE TUBE B.S.S. 1972

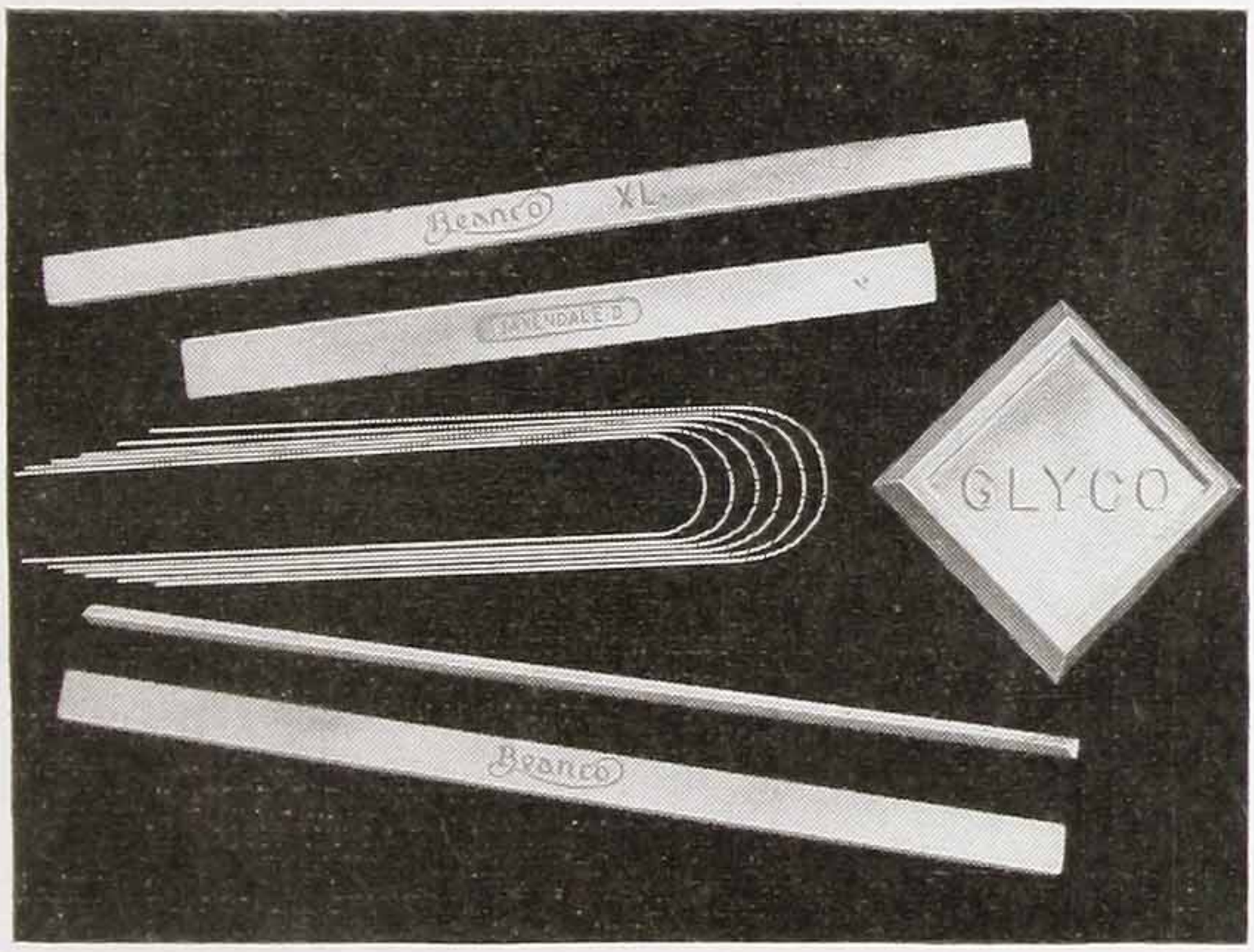
A plastic tubing for cold water supply, which maintains its properties at low temperatures and has excellent resistance to corrosion. This new versatile material offers many advantages where speedy installation is an important factor. Supplied in two gauges as details given below.



Normal Gauge			Heavy Gauge	
Nom. bore in.	Wall thickness in.	Weight per 100 ft. lbs.	Wall thickness in.	Weight per 100 ft. lbs.
½	0·093	7	0·173	15
¾	0·125	14	0·173	21
1	0·125	17·5	0·173	27
1¼	0·125	21·5	—	—
1½	0·140	28	—	—
2	0·187	51·5	—	—

Sizes up to 1½ in. are available as coils in lengths of 100 to 500 ft. 2 in. bore in straight lengths to suit customers' requirements.

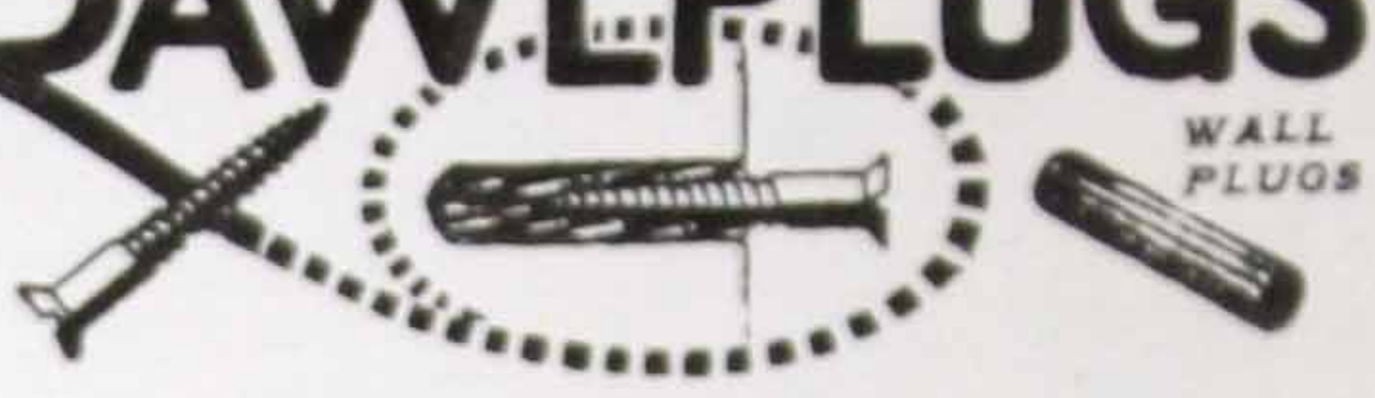
SOLDER AND BEARING METAL

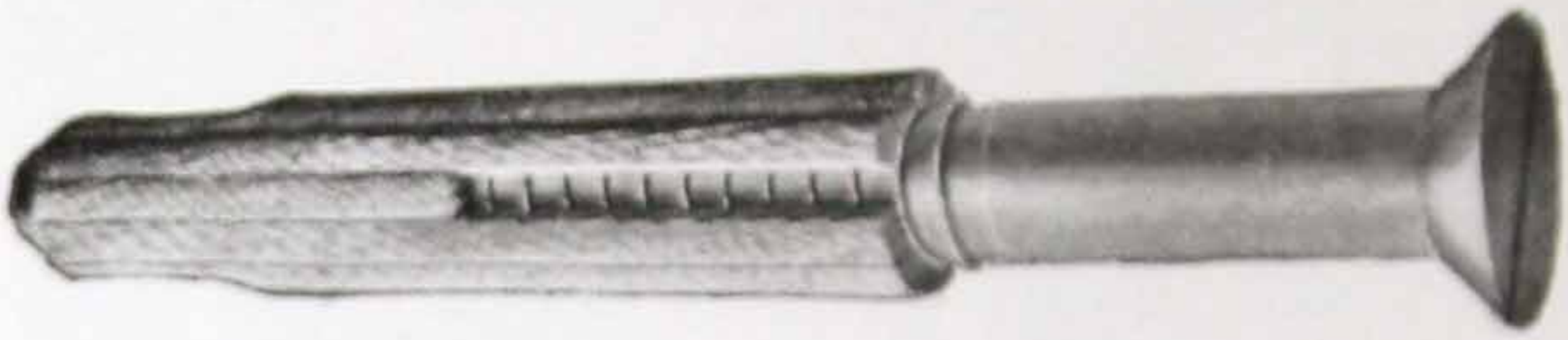


Beanco XL. Plumbers' Solder—a super-fine quality, rich in tin.
Beanco 'D' Plumbers' Solder—a reliable solder made to B.S. Grade 'D' Specification.
Beanco Plumbers' Solder—a good working solder dependable for uniform quality.
Tinman's Solder—for all general purposes, in ½ lb. sticks.
Blowpipe Solder—a recommendable quality in 2 oz. strips.
Glyco Bearing Metal—for use in general engineering—in approximately 4 lb. ingots.

BAXENDALE & CO. LTD.

RAWLPLUGS





USE RAWLPLUGS FOR ALL YOUR FIXING JOBS

THE RAWLPLUG METHOD

Is the *only* reliable method of doing fixing jobs with screws in any material. It is based on the scientific principle of expansion. When a screw is driven into a Rawlplug, the plug expands and grips the wall like a vice, thus ensuring a strong permanent fixture.
We sell Rawlplugs and Rawlplug Tools that are suitable for every fixing job.

RAWLBOLTS
No. IR 2799
TWO TYPES

There are two types of Rawlbolts. Both work on the same fundamental principles. The only difference is that on one the expanding member is part of the bolt itself and on the other it is detachable. A glance at the illustrations will make this quite clear. Bolt projecting type is for use on jobs where the shell and bolt can be inserted in the hole together; Loose Bolt type is for use where the bolt has to be inserted after the shell and expanding member have been placed in position. The unique feature about this type is the attachment of the nut. The extended leg portion of the segment acts as a claw and prevents the nut falling off, and also stops the nut rotating. This type is specially valuable when fixing heavy machinery to concrete beds where it is difficult to lift the machinery over the bolts.

All sizes from ¼ in. — 1 in. thick stocked. Also drills to suit.

MILLER STREET · MANCHESTER

BAXENDALE & CO. LTD.

NAILS, TACKS, RIVETS, Etc.

STEEL CUT CLASP

—

CUT CLOUT

—

CUT SPRIGS

—

CUT FLOOR BRADS

—

PLASTERERS' CUT LATH

—

GLAZING SPRIGS

—

PATENT STEEL CLASP

—

PATENT STEEL ROSE

—

PATENT STEEL GATE NAILS

—

WROUGHT HAND-MADE SLATE Galvanized.

—

WROUGHT COUNTERSUNK CLOUT

—

PIPE NAILS

—

BEST WIRE DOWEL NAILS

—

WIRE PANEL PINS

—

IMPROVED RELIABLE TACKS

Fine. Fine Tinned. Improved Strong. Improved Strong Tinned.

—

GIMP PINS

In 1-lb. Packets.

Black Wire.
Black Cut Gimp Tacks.
Brass Gimp Pins.
French Reliable Steel Gimp Pins.

BEST ROUND WIRE

—

BEST BRIGHT OVAL WIRE

—

WIRE CLOUT AND SLATE

—

WIRE LATH

—

SLATE NAILS

Zinc, Cut Steel, Cut Copper, Round Wire Copper, Aluminium.

—

COPPER SLATE NAILS

—

COPPER BOAT NAILS

(Square Wire.)
Rose and Countersunk Heads.
Copper Roves for ditto. All sizes.

—

COPPER DISC RIVETS OR CRAMPONS

For Fixing Asbestos Sheets

—

COPPER TACKS

Cut and Wire

—

STRAIGHT HOLDFASTS

—

SPUR HOLDFASTS

—

BENT HOLDFASTS

—

CUT TACKS

Fine Blue. Strong Blue.
Fine Tinned. Strong Tinned

—

ESCUTCHEON PINS

In 1-lb. Packets. Brass and Brassed.

RIVETS

In Mild Steel, Copper and Aluminium.
Flat Head, Countersunk Head, Round Head, Pan Head,
Copper Rivets and Washers.

We have always on hand large stocks of
SCREWS, BOLTS AND NUTS, COACH SCREWS, ETC.

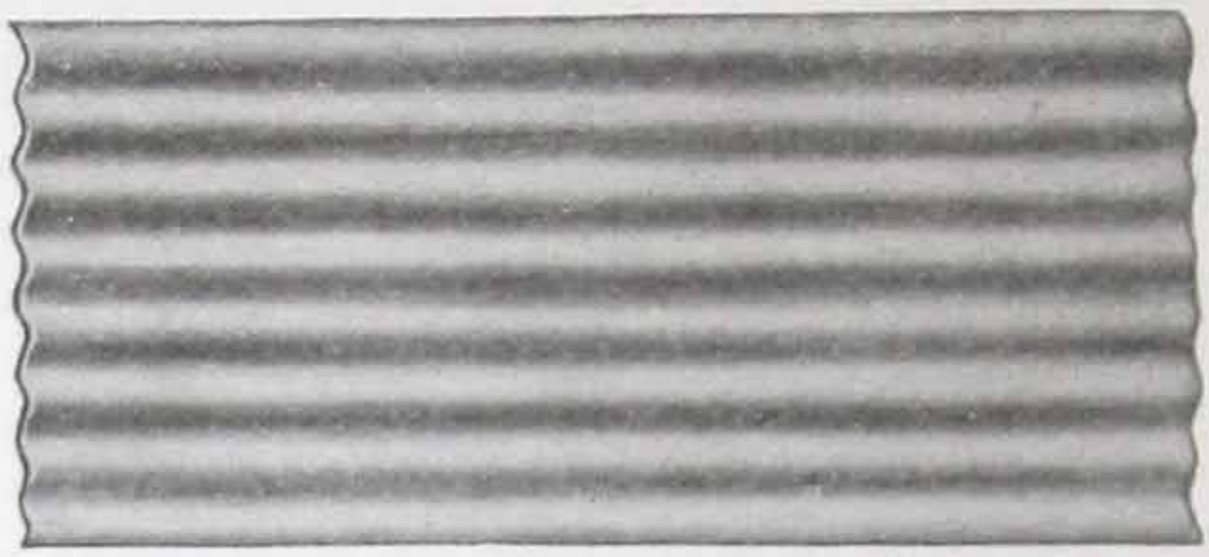
Current Prices, quoted on application.

LIVERPOOL · EDINBURGH · DUBLIN

GALVANIZED CORRUGATED SHEETS

For Roofing, etc.

Sheets longer than 9 ft. are charged at extra rates

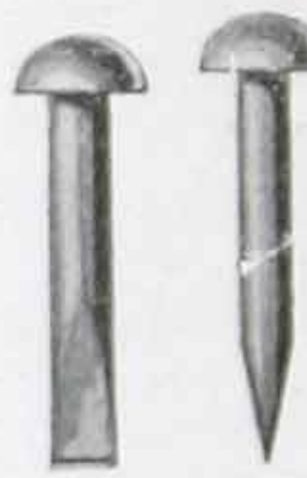


Made in 18 20 22 24 and 26 W Gauge

Eight 3 in. Corrugations, covering 2 ft. wide when fixed. Sheets 4 ft. to 10 ft. long. Also made with ten 3 in. Corrugations, covering 2 ft. 6 in. width.

Curved Sheets for Span Curved Roofs, Special Buildings, etc., can be supplied bent to any radius or shape.

FITTINGS FOR GALVANIZED CORRUGATED SHEETS

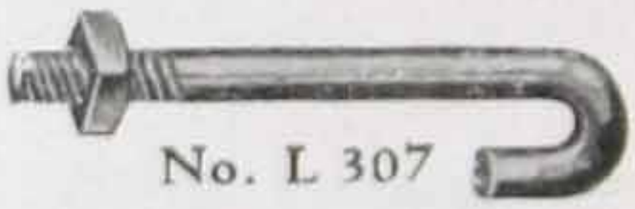


L 301 L 302

L 303

L 304

L 305



No. L 307

No. L 308

No. L 308

GALVANIZED CURVED WASHERS

$1\frac{1}{4}$ in. or $1\frac{1}{2}$ in. × $\frac{5}{16}$ in. or $\frac{3}{8}$ in. hole. 14 G.

LEAD AND FELT WASHERS

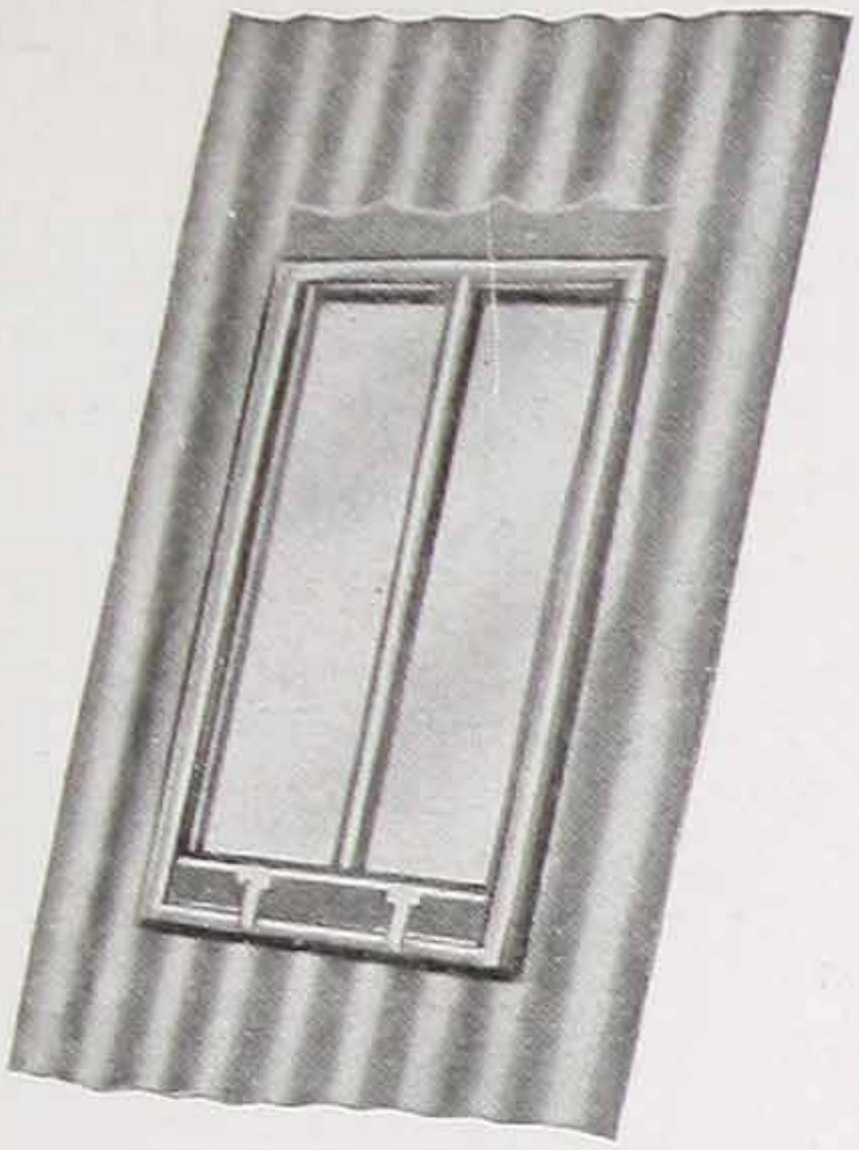
Can also be supplied

GALVANIZED RIDGING

No. L 309

No. L 310

For Roofing Felts see pages 236-237.

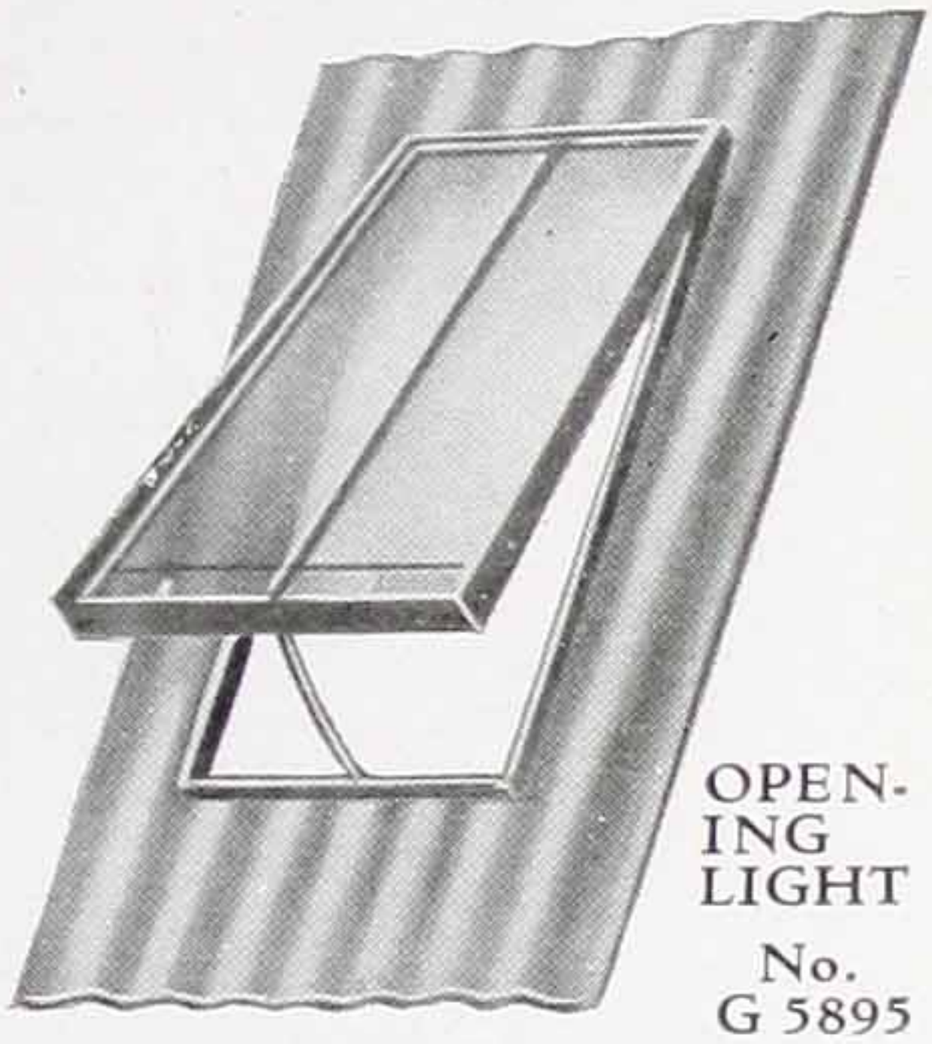


GALVANIZED CORRUGATED ROOF LIGHTS

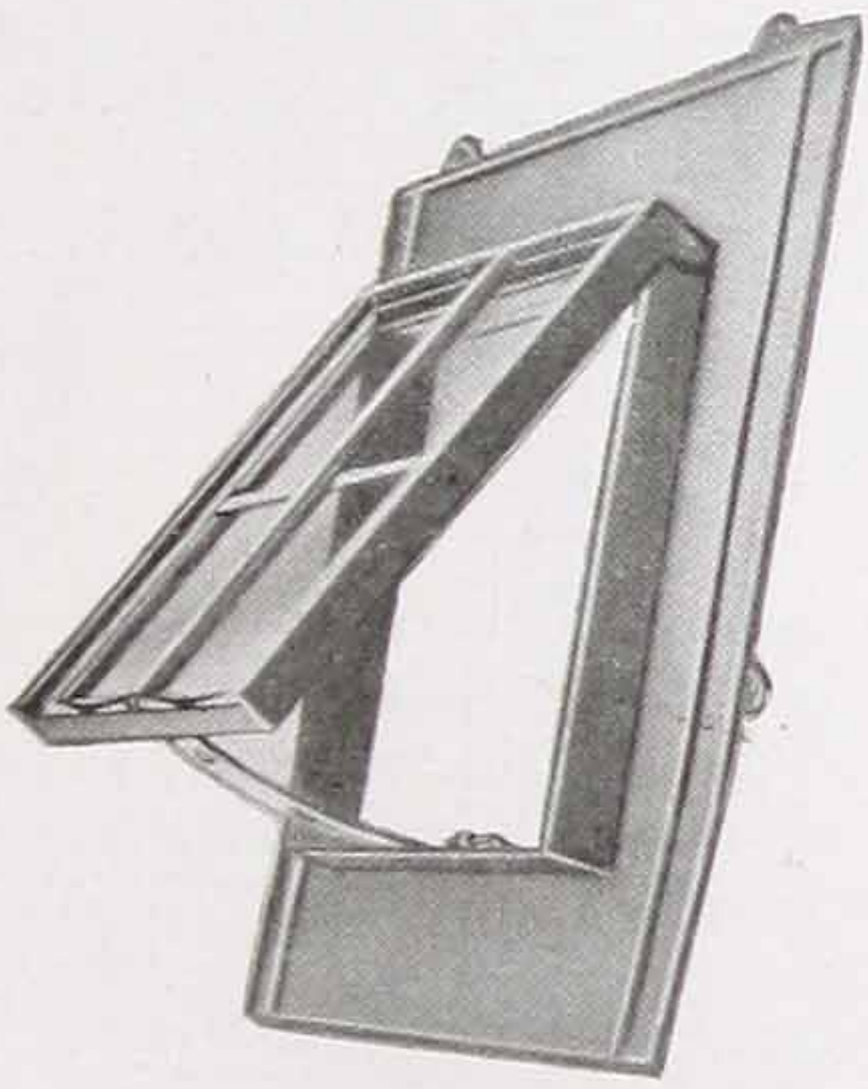
Made of Mild Steel Sheets.
Also used as Side Lights in corrugated buildings.
The Opening Lights have a day-light 36 in. × 18 in. and the Dead Lights 36 in. × 20 in. but any size made to order.
Length : 5, 6, 7, 8, 9, 10 feet.
Gauge : 20, 22, 24, 26.
Glass extra.

DEADLIGHT No. G 5896

All made to suit the ordinary 8/3 Corrugations of Roofing Sheets and supplied ready for fixing.
10/3 Corrugation can also be supplied when desired, and also to fit Asbestos Sheets.
Length : 5, 6, 7, 8, 9, 10 feet.
Gauge : 20, 22, 24, 26.
Glass Extra.



OPENING LIGHT No. G 5895



No. G 5891

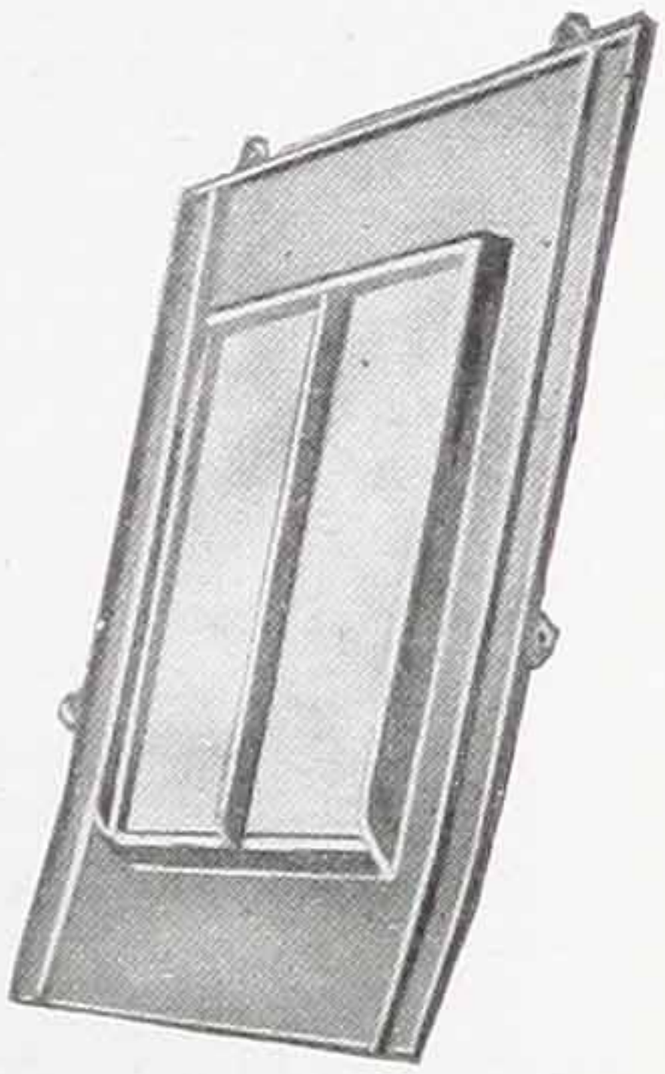
OPENING LIGHTS
Painted

CAST-IRON ROOF LIGHTS

Margins : 3 in. Sides.
4 in. Top.
4 in. Bottom.

No. G 5892

DEAD LIGHTS
Painted



Daylight Sizes :
NOTE.—When ordering, please give **width** first, then **height**.

Inches

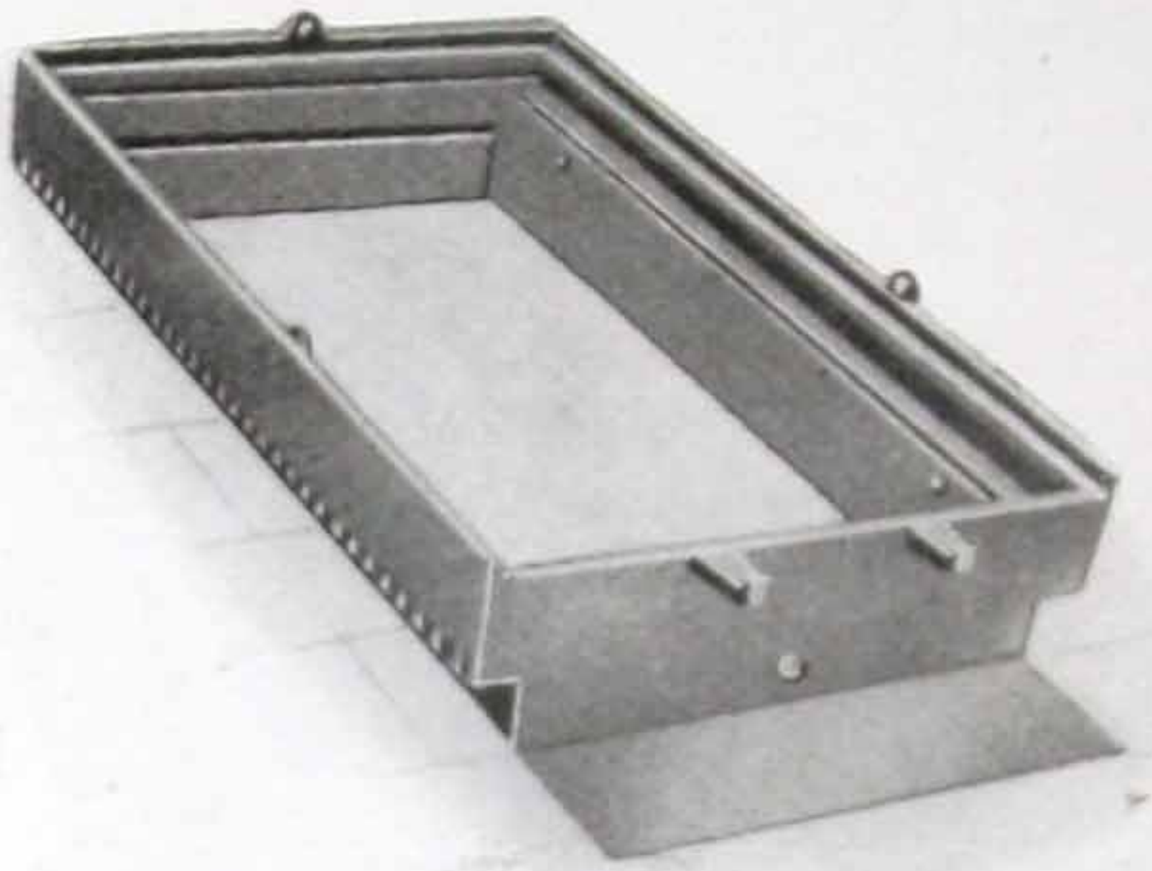
12 × 16	16 × 24	18 × 30	20 × 30	24 × 30	24 × 42	30 × 42
14 × 20	18 × 24	18 × 36	20 × 36	24 × 36	30 × 36	36 × 48

Glass extra

If fitted with quadrant and pulley, extra. If fitted with Leggott's Openers, No. 3, No. 5, No. 7, extra. Preparing Roof-lights for Leggott's Openers extra.

PARAMOUNT (Regd.)
IMPROVED ROOF VENTILATING SKYLIGHT
FOR TILED OR SLATE ROOF

The new attachment actually prevents snow and rain getting through and allows fresh air to pass freely into the room.
Particularly suitable for Housing Schemes, but also entirely satisfactory for Other Houses, Out-Buildings, Garages, and the like.



Strong Sheet, or Rough Cast Glass can be supplied with Ventilators, if required, at an extra cost.

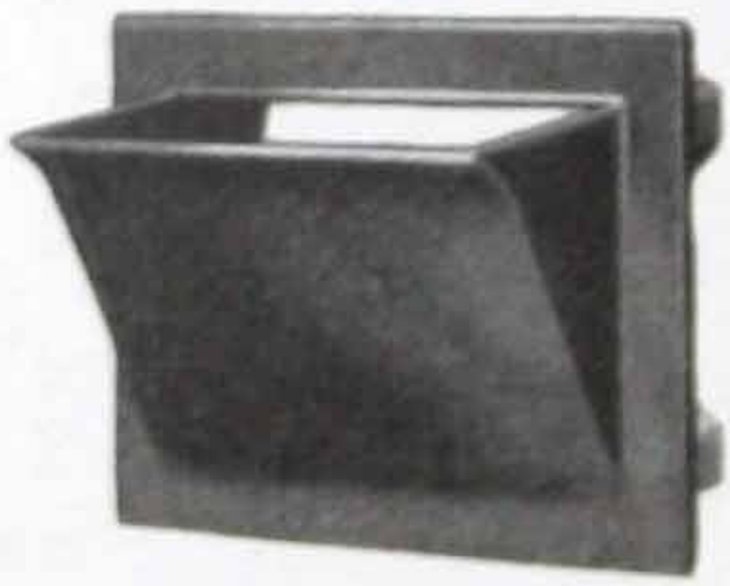
No. V 1104

Special Features.—Weatherproof. Continuous ventilation. Any slope and type of roof will accommodate this Ventilator. Fixing is arranged as the roof-work proceeds and therefore no additional expense incurred.
Economies.—No tackle is required for opening as the Ventilator is of the fixed type. It is just secured down to the rafters and lead flashing is unnecessary. Cast-iron. Painted.

Dimensions :
15 × 24 in. (Daylight opening size)
19 × 31 in. (Overall opening size)
Special prices for quantities.

No. V 1103

HOPPER AND LOUVRE. **Permanent and Adequate Ventilation.**



Indispensable in rooms where Gas Fires, Cookers, etc., are used or for rooms without fireplaces. An absolute safeguard against rain, etc., getting through under any conditions because it has **Anti-Weather Bars.** It is **mouse-proof.** Another feature is that it has a **Mortar Rib** which enables it to be permanently secured in the wall.

Size 9 × 6 in. Cast-iron, painted one coat
Special prices for quantities.

PARAMOUNT (Regd.) VENTILATING WINDOW FRAMES

Cast-iron. Suitable for Housing Schemes, etc.

Front View.

No. V 1100. PANTRY LIGHT

Continuous Fresh Air. Perfect Cleanliness.

Absolutely Weather-proof.

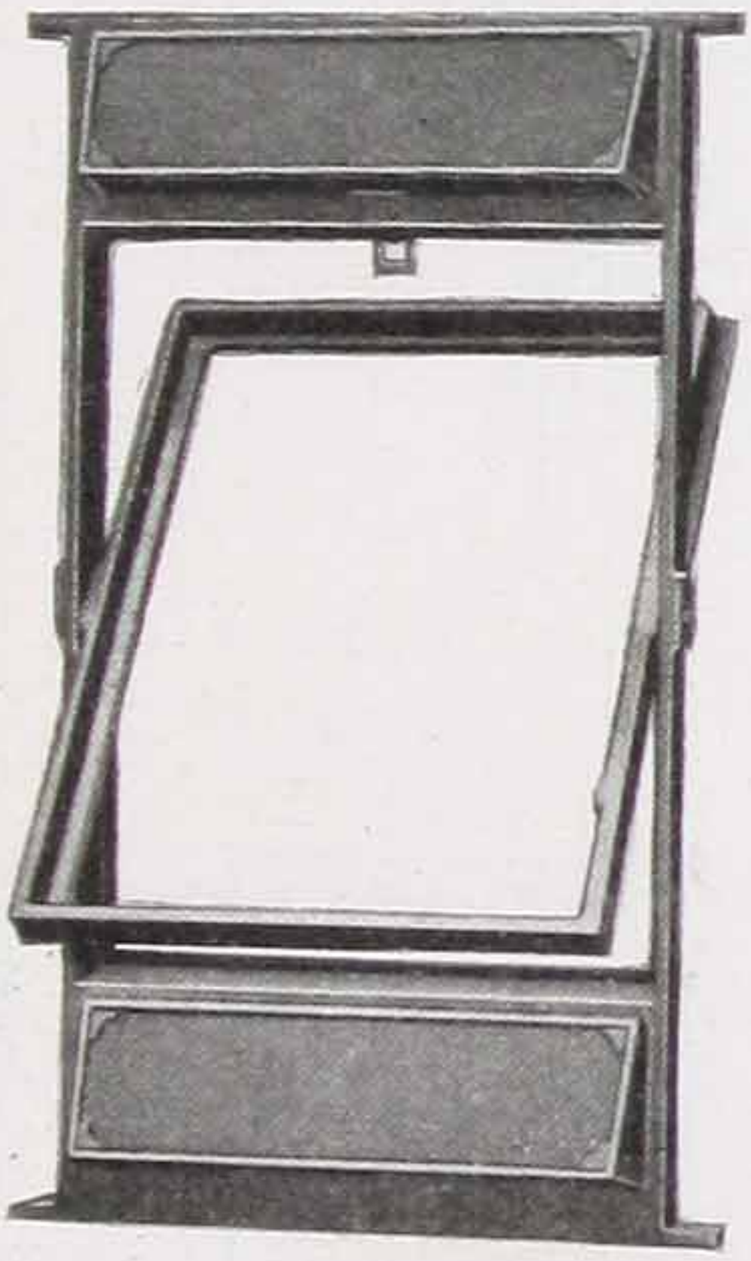
The Canopies provided at the top and bottom are cast at such an angle as to promote and ensure a steady continuous current of fresh air night and day.

There is a loose fitted perforated Zinc Screen at the back of each Canopy, clamped on by a cast-iron frame, thereby making it easy to detach the screen for cleaning purposes, and also permits of the addition of a clean linen or other woven fabric air filter, if desired by the householder. With the fast Zinc Screen, filth accumulates in the recesses, and the perforation gets clogged up.

(*a*) The lower inside edge of the clamping frame is sufficiently chamfered, so that if rain or moisture gets through the perforation it runs down the screen and is deflected out of the frame.

(*b*) The clamping frame is fastened with Thumb Screws which make the detachment and attachment very simple and easy.

Size : 13½ × 26 in. One canopy at top only or two canopy (as illustrated)



External View.

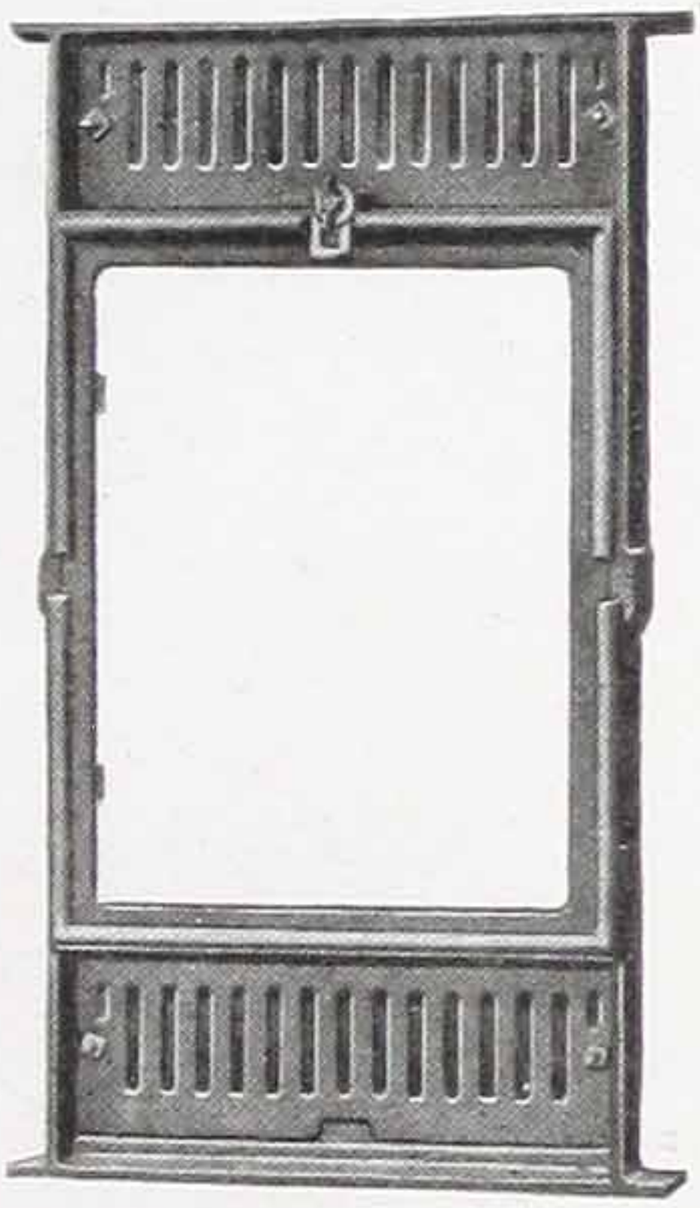
No. V 1101
W.C. LIGHT

The notable features of this are substantially the same as the Pantry Light, except that instead of a Zinc Screen there is a Cast-iron Grating fitted at the back of each Canopy, thus providing a greater measure of necessary ventilation; also the W.C. Light is pivoted to open or close.

OTHER Special Points of both above lights are

(*a*) The lights are merely built in as the work proceeds, and thus the cost of fixing is reduced to the minimum.

(*b*) The lights are supplied ready for fixing and no wood or other frame is required.



Internal View.

Size 13½ × 26 in. If fitted with Casement Stay *extra*.

Other sizes to order and prices on application.

BAXENDALE & CO. LTD.

METAL CASEMENTS

STRONG. PERMANENT. RIGID.

Give maximum Ventilation and safe cleaning facilities.

Add greatly to the appearance of any Building, and can be made in a variety of Artistic Designs to suit any style or period Architecture.

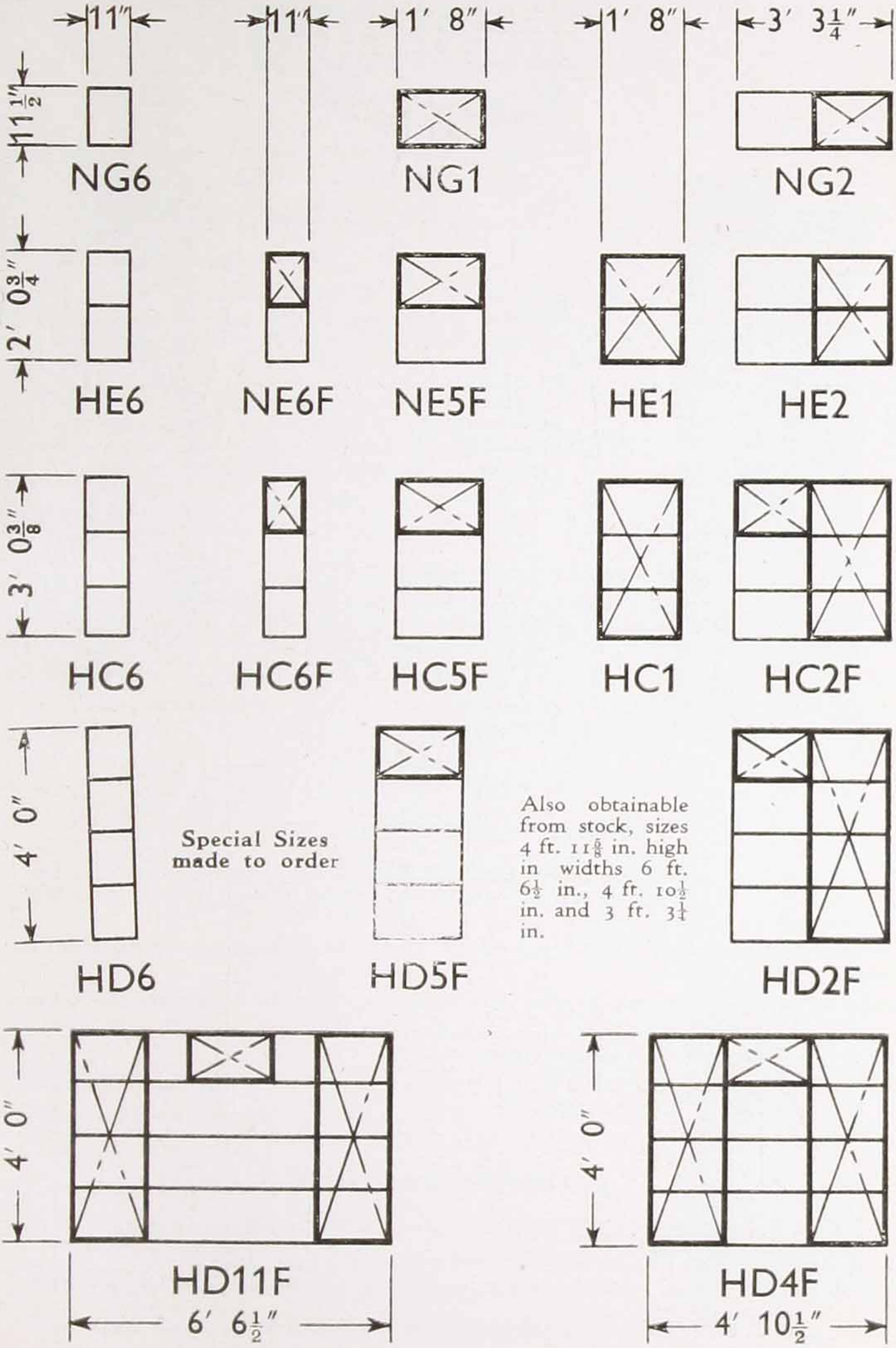
All Standard size Windows and French Windows can be supplied.

Estimates on receipt of Specification.

MILLER STREET · MANCHESTER

METAL CASEMENTS

Standard Sizes



Special Sizes made to order

Also obtainable from stock, sizes 4 ft. 11⅝ in. high in widths 6 ft. 6½ in., 4 ft. 10½ in. and 3 ft. 3¼ in.

Blackintosh

REGD

FLEXIBLE

(Regd. Trade Mark)

ROOFING MATERIAL

(Made on Scientific Principles)

Is Permanent. Does Not Crack. Gives satisfaction every time under any condition when properly fixed in accordance with our instructions.

BLACKINTOSH is a special Roofing Material supplied in Rolls like ordinary felt, but superior in every way. It is made from bituminous and other substances of a permanent character, under scientific conditions which guarantee satisfactory results. It is free from tar.

SPECIAL FEATURES

BLACKINTOSH is Light. Can be bent to any curve. Is Easily Repaired. Moderate in Price. Low Maintenance Costs. Withstands Fumes. Will not Run or Melt. Outlasts Iron or Zinc. Will not harbour vermin, decay, or deteriorating elements of any kind. Is *neat, clean, rustless,* and *attractive.* It is Elastic. A non-conductor of heat, maintains an equable temperature.

PARTICULARS AND SIZES

For Flat Roofs, Sloping Roofs, Curved, Dome, or Angle Roofs ; Valley Gutters, Flushings, Bay Windows, or Dormer Roofs. Also made in special forms for Flooring and Damp Course work.

Made in Three Strengths, all of which are suitable for general purposes, among which we suggest the following :—

No. 30.—Medium strength for more substantial work ; Stables, Workshops, Temporary Warehouses, etc.

No. 40.—Strong Medium for all Permanent Jobs.

No. 50.—Strongest and Best. Fine for best Architectural Work, Public Buildings, large Flat Roofs, Domes, etc.

BLACKINTOSH SUNDRIES

NAILS—$\frac{3}{4}$ in. Galvanized Clout Nails, $1\frac{1}{2}$ lbs. per Roll (required quantity)

CEMENT—Allow 1 pint per Roll for fixing seams.

Put up in Cans, 1 pint, 1 gallon and 5 gallon drums. Drums are Charged—returnable.

For GALVANISED CORRUGATED SHEETS see page 230.

"BEANCO"

TRADE MARK

ROOFING FELT

BEANCO ROOFING

Made in Rolls 12 yards long × 1 yard wide each containing 108 square feet, sufficient to cover 98 square feet of roof surface, and allowing 10 feet for laps.

No. 1 (Thick)

Average weight per Roll, 50 lbs. For Permanent Roofs, Engineering and Shipyard Workshops, Railway and Dock Sheds, etc.

No. 2 (Medium)

Average weight per Roll, 40 lbs. For Ordinary Buildings and Light Roofs.

No. 3 (Thin)

Average weight per Roll, 28 lbs. For Temporary Roofs, Lining Wooden and Iron Buildings, Insulating Cold Stores, Under-Slating, etc.

RUBBEROID ROOFING AND ACCESSORIES ALSO STOCKED.

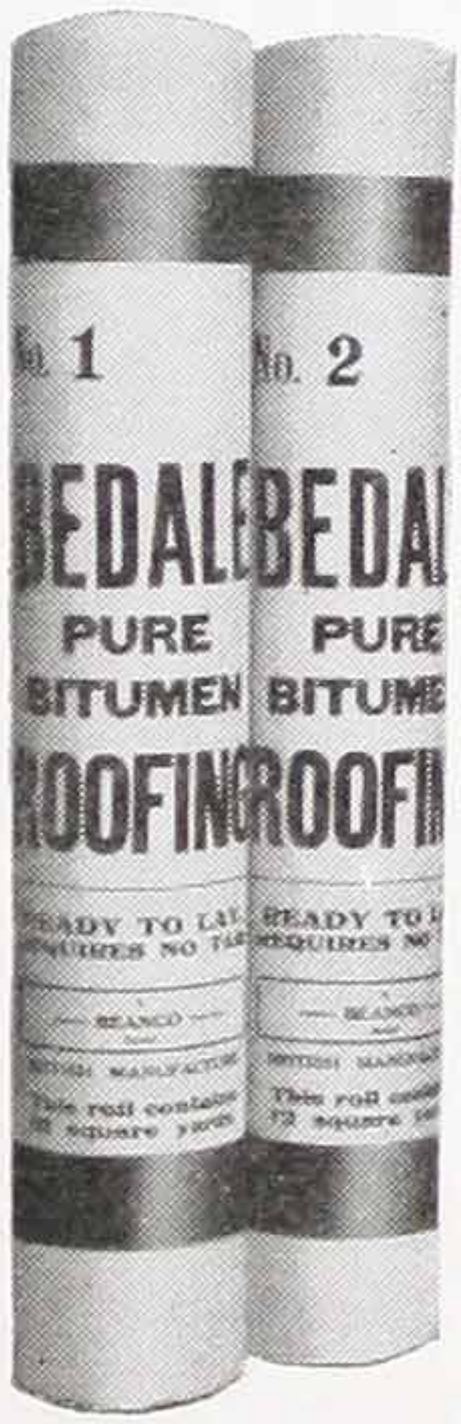
Bedale

REG^D

ROOFING FELT

Known for its reliable quality. For use on poultry houses, sheds and any small buildings about the house, farm or factory. Also an excellent underslating for slates and tiles.

Rolls contain 12 square yards (108 square feet). Width 36 in. One roll covers approximately 100 square feet of roof surface. Standard (22 lb.) Heavy (30 lb.)



Prices and Sample Card on Application.

BAXENDALE & CO. LTD.

Texo

(Regd. Trade Mark)

THE ORIGINAL **PLASTIC COMPOUND**

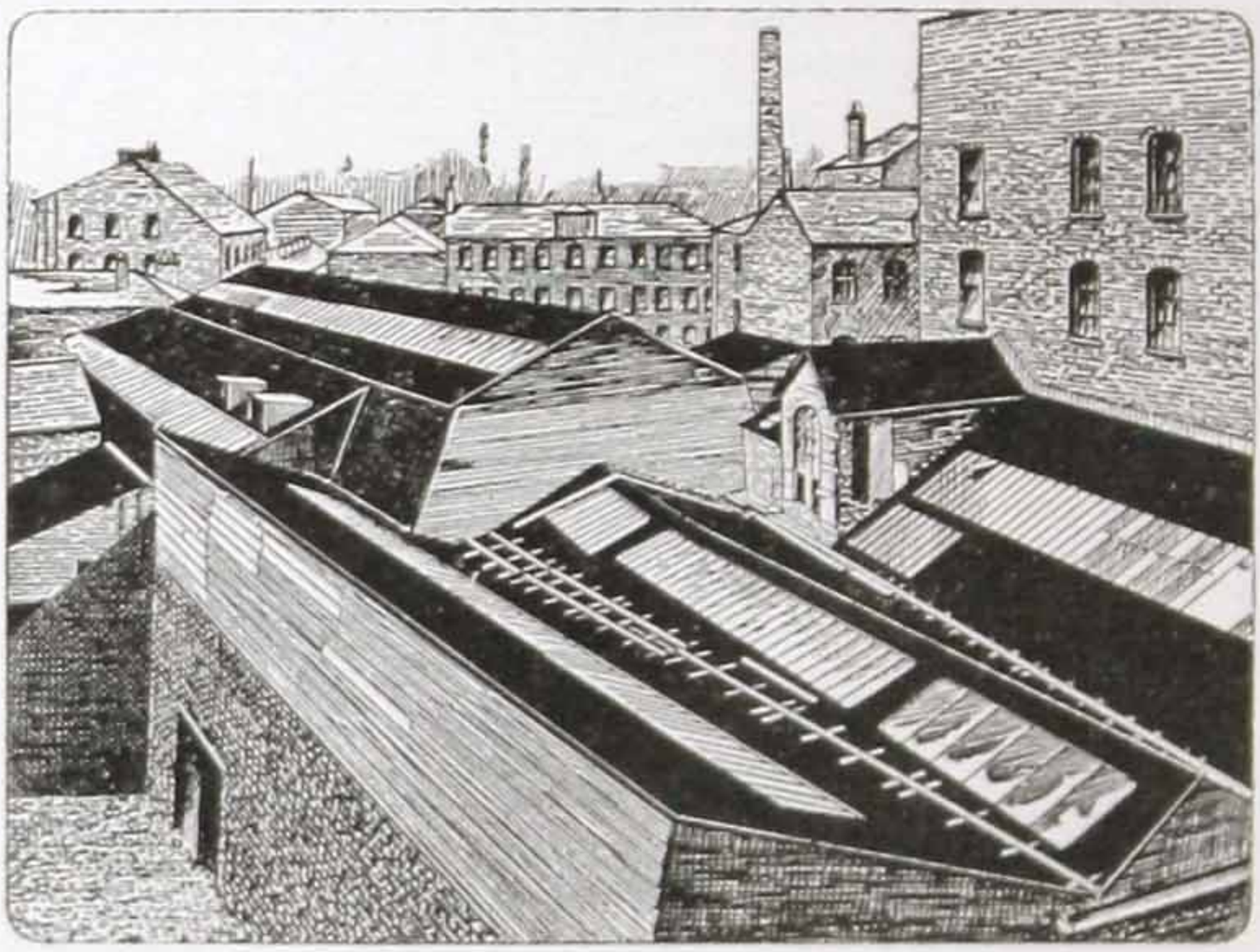
FOR REPAIRING

LEAKY ROOFS

of every description.

For Making New Waterproof Roofs, and for General Repair Work.

BRITISH MANUFACTURE. STICKS ANYWHERE.



TEXO is a black plastic compound of asbestos and plastic material, and has about the same consistency as putty.

TEXO never becomes brittle. It expands and contracts with the surface to which it is applied, and its wonderful elasticity and adhesion ensures its permanence.

TEXO makes a lasting repair. It will seal cracks and leaks, not for a month or a year, but for a lifetime.

TEXO is used by British Railways, Government Controlled Establishments, Shipyards, Collieries, Municipal Authorities, etc.

MILLER STREET · MANCHESTER

Liquitexo (Regd. Trade Mark)

Semi-Plastic Roof Preserver

FOR APPLICATION BY BRUSH

As its name implies "**LIQUITEXO**" is Texo in a rather more liquid form, and is an adjunct to, **not a substitute for Texo Compound.** It is made of the same materials, namely, asbestos and adhesive Gums, but is much thinner in consistency. **It can be applied by means of a stiff brush,** and forms a thin film all over the surface treated.

Liquitexo is **a protective and preservative coating** and must not be confounded with Texo Repairing Compound, nor used for the same purposes.

It is specially recommended for preserving new roofs, or where the roofing is already in a fair state of repair and requires only a preservative coating to keep it so.

Supersedes all other materials for making gable walls weatherproof.

Liquitexo will not fill up holes or cracks—Texo Compound is the right article to do that.

It is Black, can be applied to any dry surface, and sticks with the same efficiency as the Compound.

Liquitexo is always ready for use.

A Few Uses for **LIQUITEXO** are as follows :—As a protective covering for iron work, cement, plaster, porous brick, corrugated iron and metal roofs (especially the underside). As a dressing for felt roofs which are in fairly good order otherwise, but want reinforcing for greater weather resistance. As a primer for porous surfaces (such as concrete and similar) for Texo Compound to follow. Coating of the interior of gutters which may be in too bad a condition for ordinary painting, or as a protective coating.

COVERING POWER

Its spreading capacity varies according to the surface to which it is applied. For instance, porous or very absorbent felt will necessarily take more **Liquitexo** than smooth iron.

Liquitexo should be applied liberally. 20/30 feet is the area covered per lb. under the most favourable conditions and rubbed well out. It is advisable to leave it somewhat thicker than this. Under unfavourable conditions the surface treated may drop to 10 feet per lb.

Packed in :

Barrels (4 cwt. and 5 cwt.)	1 cwt. drums	1 gall. tins
Half-Barrels (2 cwt.)	½ cwt. ,,	½ ,, ,,
	¼ cwt. ,,	

VENTILATORS

IMPROVED AIR EXHAUST VENTILATORS

No. V 1000

No. V 1003

No. V 999

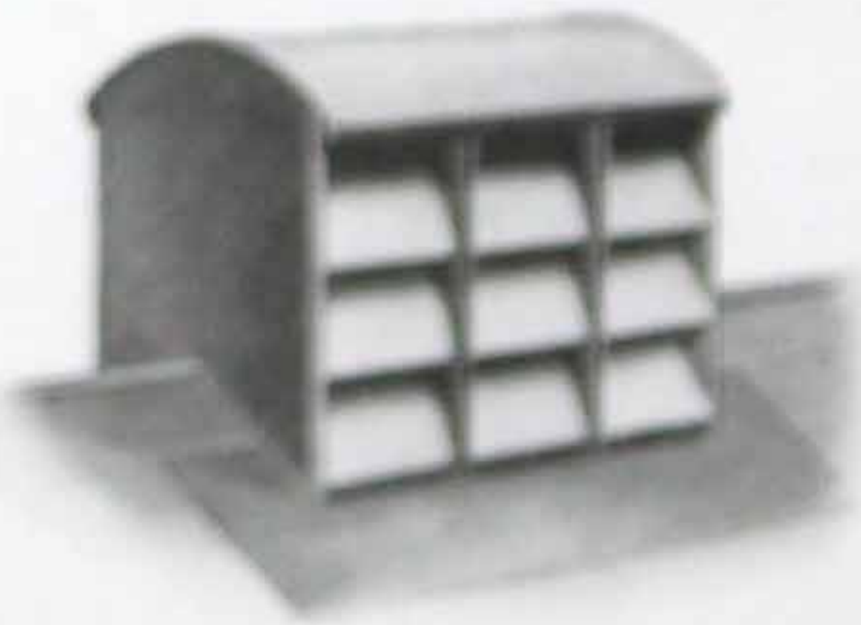
DIMENSIONS (in inches)

Dia. of Pipe ...	6	7	8	9	10	11	12	14	15	18
Square of Base ..	12	14	16	18	20	22	24	27	30	36

Made of Strong Sheet Steel and finished in Two Coats of Best Oil Colour in Two Shades.

When ordering please state size of Base and also dia. of Pipe

Roof Seats extra.



No. V 1122

IMPROVED DIRECT ACTING RIDGE VENTILATOR

Finished in good oil colours in two shades

Length and width of Ventilator

18 × 13 in.	24 × 16 in.
30 × 20	36 × 24 in.

Details of other sizes on application.

When ordering kindly give pitch of roof.

BAXENDALE & CO. LTD.

VENTILATING TERMINALS FOR SOIL PIPES

No. V 1025
CAST LEAD

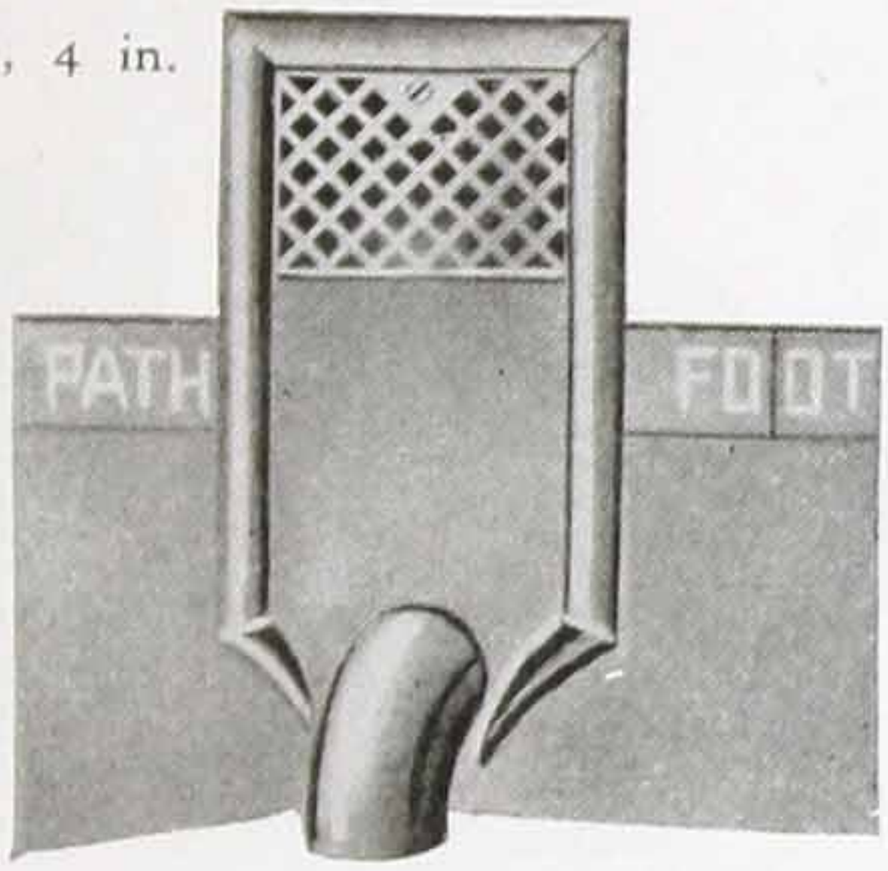
Diam. : 2, 2½, 3, 3½, 4 in.

No. V 1024
REIGN-OUT
CAST LEAD

Shank, 3¾ in.
Diam. Top, 6¾ in.
Height, 5½ in.

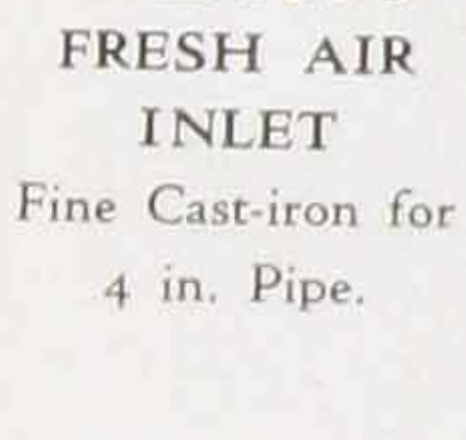
No. V 1029
A.B.M.
FRESH AIR
INLET

A strong and durable air inlet made of die-cast alloy with a hooded top and a bead to facilitate caulking into the drain pipe.
It is operated by means of a flap which remains closed by gravity.



No. V 1064
ELLIOTT'S
FRESH AIR
INLET

Fine Cast-iron for
4 in. Pipe.



No. V1030
Vertical

MICA-FLAP INLETS

Cast Brass Fronts
Vertical and Horizontal
for 4 and 6 in. Pipe.

No. V 1031
Horizontal

WIRE GUARDS

Sizes 2 2½ 3 3½ 4 in.

Galvanized or Copper

Larger sizes to Order.

No. R 447

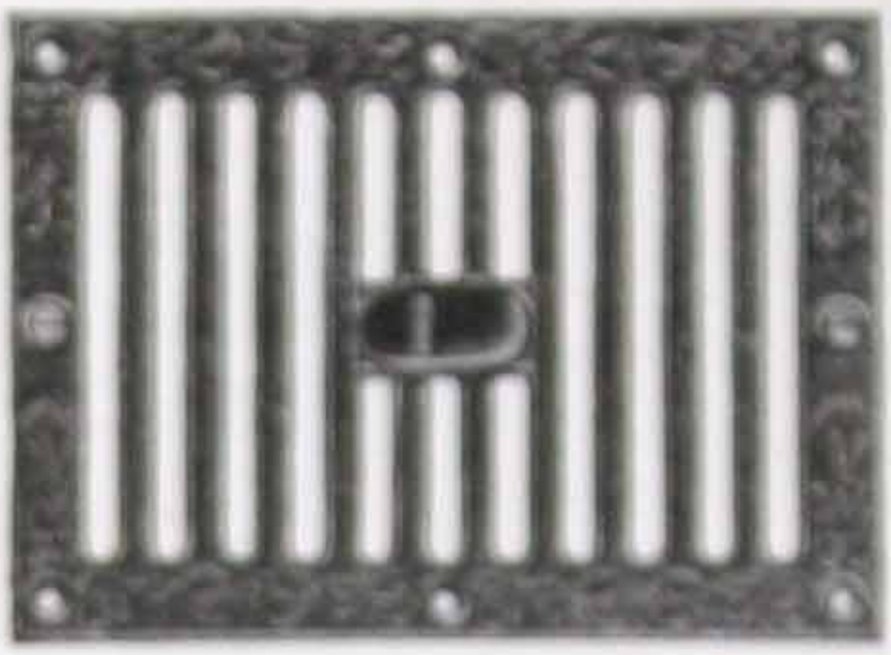
Cast-iron cowls are shown with soil pipes and connections

Heavy Cast-Iron Drain Pipes and Connections.

Quotations and line drawings will be sent on receipt of specifications.

LIVERPOOL · EDINBURGH · DUBLIN

VENTILATORS



No. IR 2091
IRON VENTILATOR
Varnished.
6 × 3½ 9 × 3½ 9 × 6½ 10 × 6½ 12 × 6½ in.
Also supplied with Lever to work by Cord, extra.

No. V 1049
SHERINGHAM INLET VENTILATOR
Made in Plain Iron.

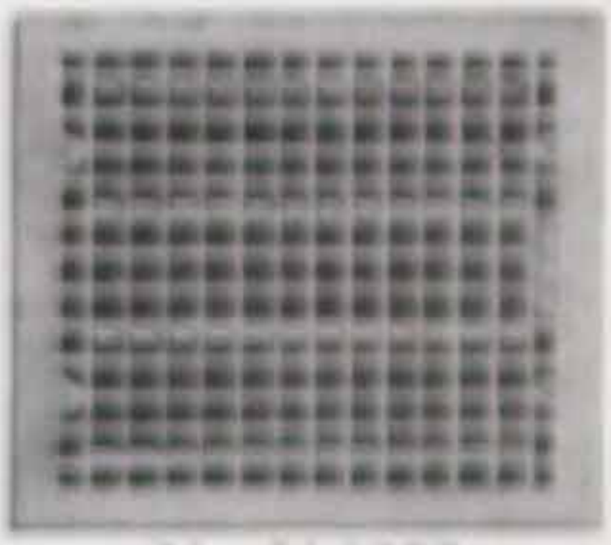
Size of Box	Size of Frame
9 × 3	11½ × 5½ in.
9 × 6	11 × 8½ "
9 × 9	11 × 11 "
13½ × 6	16 × 8½ "
14 × 9	19 × 13 "

Complete with weight and fixed pulley but without cord or extra pulley.

No. IR 2267
BRASS HIT AND MISS VENTILATOR
Polished Fronts. Sunk Slide.

Length	6	9	12	6 in.
Width	3	3	3	4 "
Length	8	9		12 in.
Width	6	6		6 "

No. IR 2268
BRASS VENTILATOR
Polished Fronts, with Thumb Bit.
3 4 5 6 8 in.



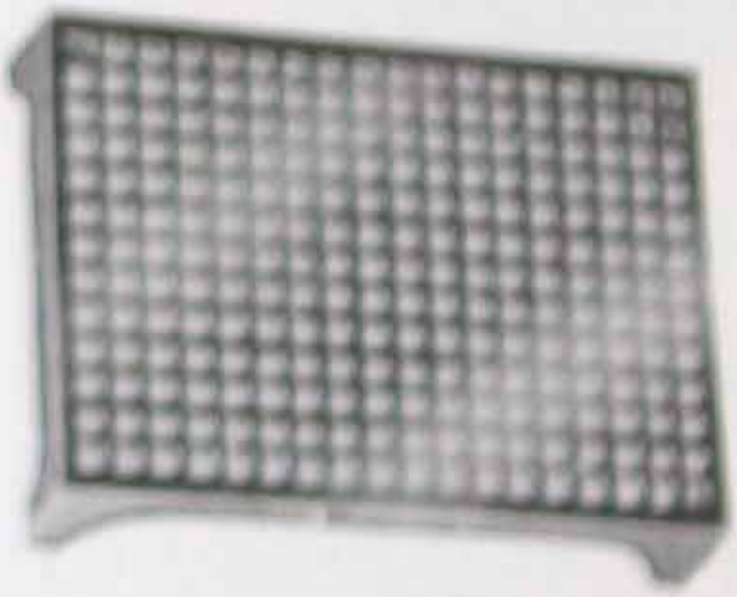
No. V 1052
CAST IRON LOUVRE VENTILATOR

Box Sizes.	Black Japanned.	
6 × 6	9 × 6	12 × 6 in.
9 × 9	12 × 9	12 × 12 in.

Complete with one Pulley only. Corn & Wood Acorn Handles extra

AIR GRIDS

No. V 1046
LOUVRE AIR GRID
Special.
9 × 3 9 × 6 9 × 9 12 × 6 12 × 9 in.
Painted or Galvanized.

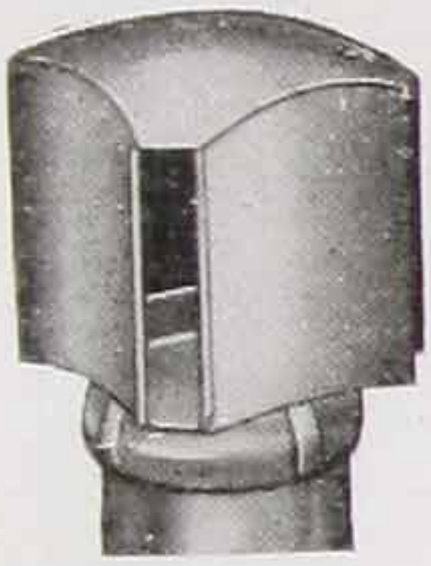


No. V 1045. AIR GRID
Fine Mesh. Mouse-proof.
Fine Cast 9 × 3 9 × 6 9 × 9 in.
12 × 6 12 × 12 in.

No. V 1044. SLIDING AIR GRID
Fine Cast Strong Pattern.
9 × 6 9 × 9 12 × 6 12 × 9 in.

No. V 1057
Light pattern, similar to above.
9 × 3 9 × 6 in.

COWLS, CHIMNEY TOPS, Etc.



No. V 1053

COLT CHIMNEY COWL

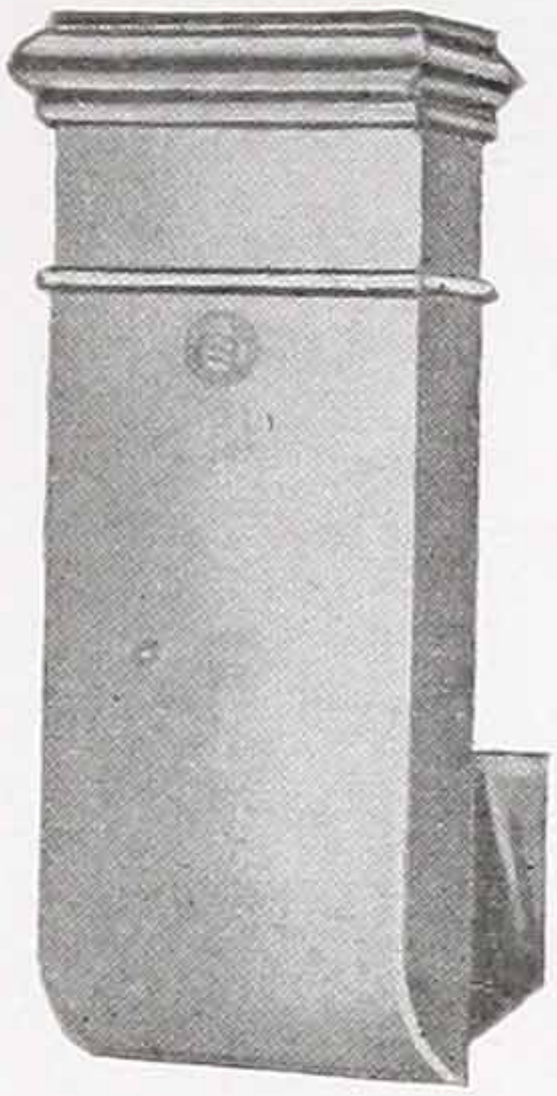
18s G. B.B.3
Birmabright.
Aluminium Alloy.
Sizes 4 in. and upwards.

No. V 1041

LOBSTER-BACK COWL

Galvanized Steel.
Square Base and
Without Base.

Sizes :
6, 8, 9, 10 and 12 in.



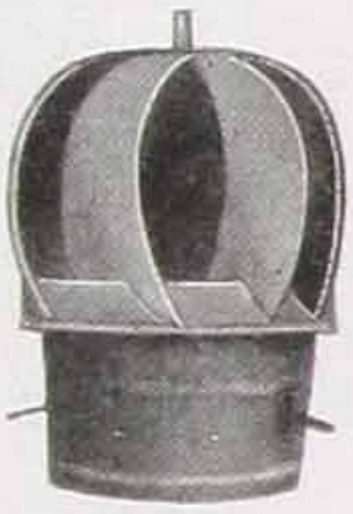
No. V 1060.

AIR INLET VENTILATOR

Improved Flat
Vertical Tube, Moulded
Top
Valve and
Brass Fist Handle.
9×4 in., without Panel—

Length (inches)

12 18 24 30
36 42 48 in.



No. V 1039

REVOLVING CHIMNEY COWL

Strong Galvanized Steel;
Ball Bearings; Oil Cup.
To Fit—
4 5 6 7 8 9
10 and 11-in. pots

No. V 1015

ARCHIMEDEAN SCREW VENTILATOR. Round Base

–	–	6	8	9	10	11	in. dia.
12	14	16	18	20	22	24	in. dia.

No. V 1016

ARCHIMEDEAN SCREW VENTILATOR. Square Base

Dia. of pipes...	6	8	9	10	11	12	in.
Size of base...	8	10	11	12	13	14	,,
Dia. of pipes...	14	16	18	20	22	24	in.
Size of base ...	16	18	20	22	24	26	,,

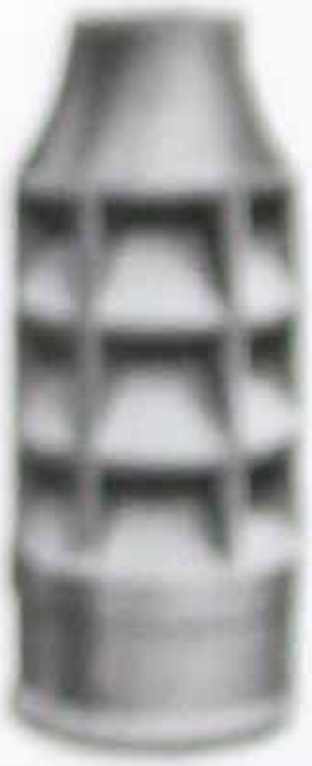
BAXENDALE & CO. LTD.

FIRECLAY CHIMNEY POTS
For Preventing Down-draught.

No. BM 100
THE
BAXENDALE
In Brown Salt Glazed,
Red and Buff.
As used for over a quarter of a century.
3 ft. 6 in. high

No. BM 101
KAY'S
In Brown Salt Glazed,
Red and Buff.
Height 39 in.

No. BM 102
THE
CHAMPION
In Brown Salt Glazed
Red and Buff.
4 ft. 0 in. high



No. BM 103 THE STANLEY
(New improved)
In Red and Buff

*Height	Base (outside)	Fire Flue
30 in.	13 in.	9 × 9 in.
36 ,,	13 ,,	9 × 9 ,,
42 ,,	13 ,,	9 × 9 ,,

* Louver portion the same in each height.

OUR BUILDERS' MATERIALS DEPT.

Large Stocks of Glazed Stoneware Drain Pipes and Connections.
Lime. Sand. Cement.
Floor Tiles. Roofing Slates and Tiles.
Wallboards. Expanded Metal and Lathing.
Asbestos Cement Sheets and Rainwater Goods.
Spar Grit for Concreting, etc. Damp-proof Courses.
Laminated Plastic Sheets. Air Bricks T.C.
Land Drains (Agricultural). Wall Ties (Metal)

MILLER STREET · MANCHESTER

BAXENDALE & CO. LTD.

STONEWARE DRAIN PIPES AND FITTINGS

Glazed Circular Pipe

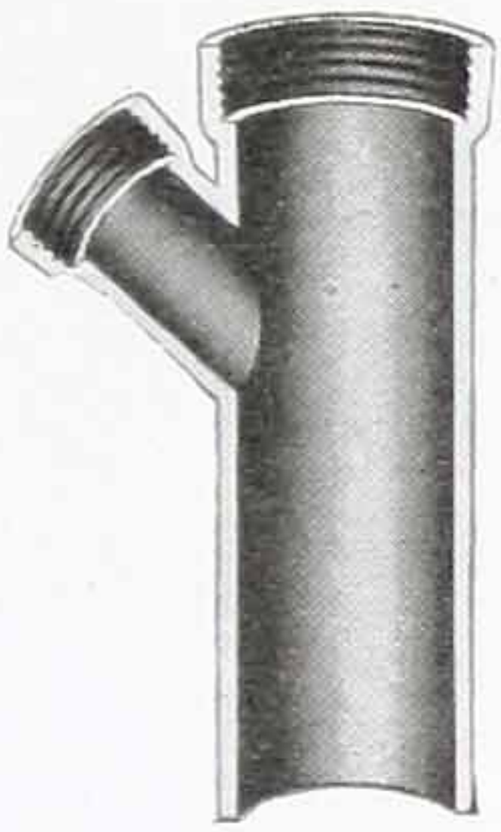
Double Junction.

Junction

Access Pipe with or without lid.

P Trap

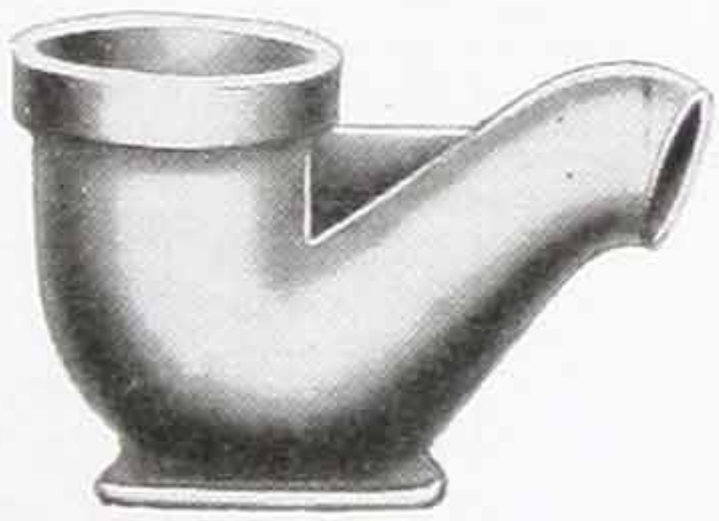
S Trap



Half Junction

Yard Gulley Trap

Dish with Cast Iron Grating



Yard Gulley Trap

Special quotations for quantities.

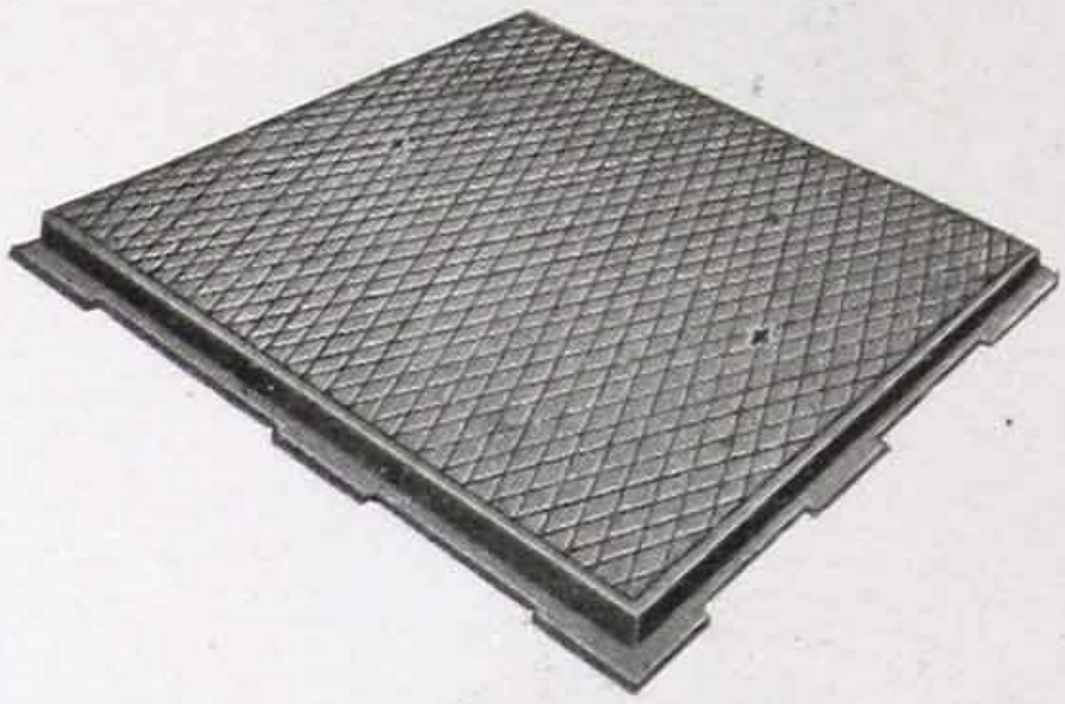
LIVERPOOL · EDINBURGH · DUBLIN

UNBREAKABLE STEEL GROUND

MANHOLE COVERS

SINGLE SEAL

Safe Load ;
Light
Pattern,
5-Ton Lorry.



Safe Load ;
Heavy
Pattern.
10-ton, 4 Wheeler
15 „ 6 „

No. H 1110

MILD STEEL COVER

Manhole Covers and Frames have so far been made in Cast Iron only—heavy to handle and easily broken. The " **Unbreakable** " Cover consists of a steel plate with chequer surface (non-slip). The Frame may be of Cast Iron or of unbreakable Welded Steel. The Cover fits flush with the top of the frame, has 2 Keyholes for Lifting Keys, and may have locks fitted. A special Key is supplied when Locking Gear is fitted. When the Key is turned through 90 degrees the Cover is unlocked and may be lifted with the Key. When replaced it is impossible to remove the Key without first locking the Cover in place.
May be supplied with Handgrip instead of Key Lift.
Broken C.I. Covers may be replaced by our Unbreakable Steel Cover to fit Existing Frames.

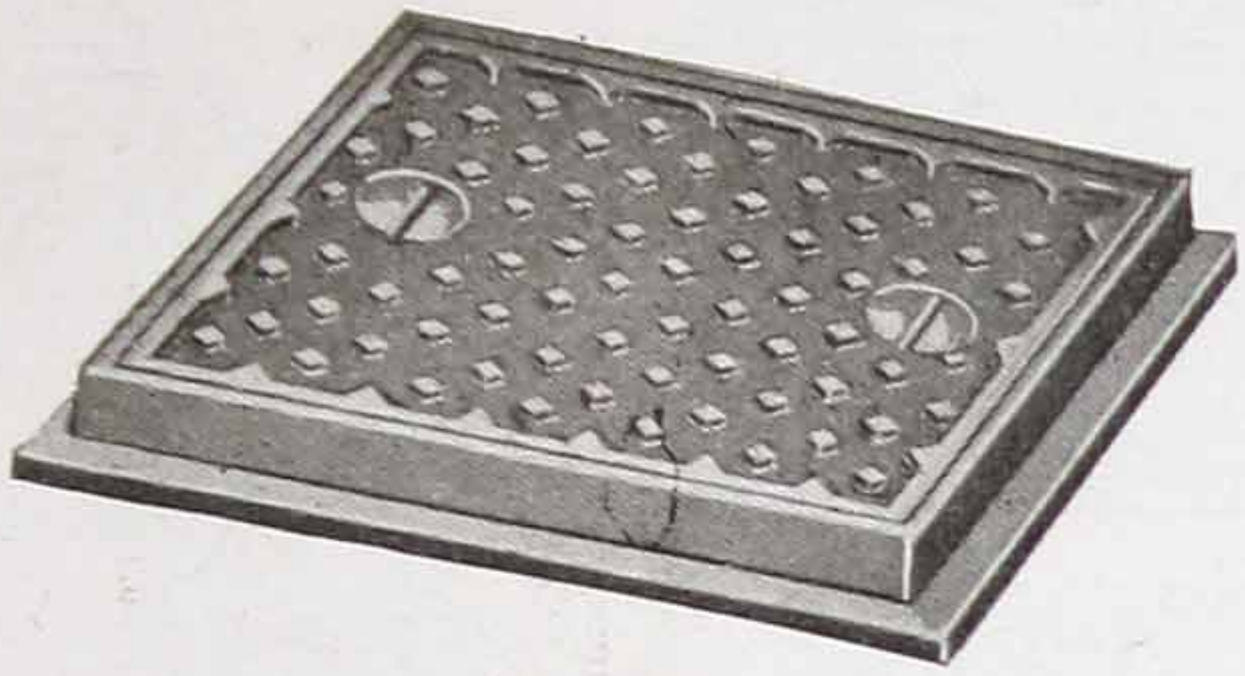
Daylight Sizes	Approximate Weights			Daylight Sizes	Approximate Weights		
	Cover Only	Frame			Cover Only	Frame	
		Cast-iron	Steel			Cast-iron	Steel
in.	c. qr. lb.	qr. lb.	qr. lb.	in.	c. qr. lb.	qr. lb.	qr. lb.
12 × 12, Light	0 0 21	0 14	0 14	*24 × 24, Light	0 2 5	1 0	1 3
Heavy	0 0 25			Heavy	0 2 17		
15 × 15, Light	0 0 24	0 19	0 19	27 × 21, Light	0 2 5	1 0	1 3
Heavy	0 1 1			Heavy	0 2 17		
*18 × 18, Light	0 1 10	0 23	0 23	*30 × 24, Light	0 2 25	1 17	1 7
Heavy	0 1 16			Heavy	0 3 12		
21 × 21, Light	0 1 19	0 24	0 24	36 × 24, Light	0 3 21	1 19	1 10
Heavy	0 1 26			Heavy	1 0 0		
*24 × 18, Light	0 1 21	0 27	0 27	*30 × 30, Light	0 3 24	1 26	1 11
Heavy	0 2 2			Heavy	1 0 4		

* These Sizes in Heavy Pattern always in Stock for immediate delivery.

Double Seal Covers and Locking Gear, All Sizes.

Hinged Covers supplied with steel frames only.

INSPECTION OR MANHOLE COVERS AND FRAMES



No. H 1109

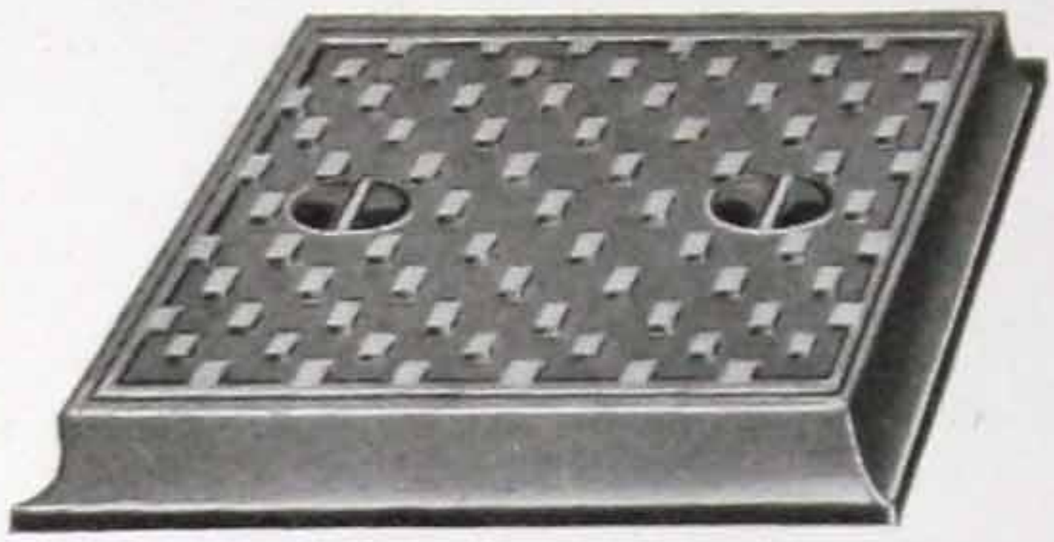
Sizes Inside In.	Approx. Weight C.	Q.	Lb.	Sizes Inside In.	Approx. Weight C.	Q.	Lb.	Sizes Inside In.	Approx. Weight C.	Q.	Lb.
9 × 9	0	0	19	20 × 18	0	3	7	24 × 24	*1	0	0
									1	1	0
12 × 12	0	1	0	24 × 12	0	2	10		1	2	0
	0	1	14		0	3	7		2	0	0
15 × 15	0	1	14	20 × 20	0	2	2				
	0	1	24		0	3	2	30 × 24	1	1	0
									1	2	0
18 × 12	0	1	11	24 × 18	*0	2	0		2	0	0
	0	2	11		*0	3	0				
					*1	0	0				
18 × 14	0	2	18		1	2	0	36 × 24	1	2	21
					1	3	0		2	0	0
					2	0	0		3	0	0
18 × 18	*0	2	0		4	0	0				
	0	3	0	30 × 18	1	0	0				
	*1	0	0		1	1	7				

**Most regular sizes always in stock.*

Can be supplied Keyhole Pattern if required.

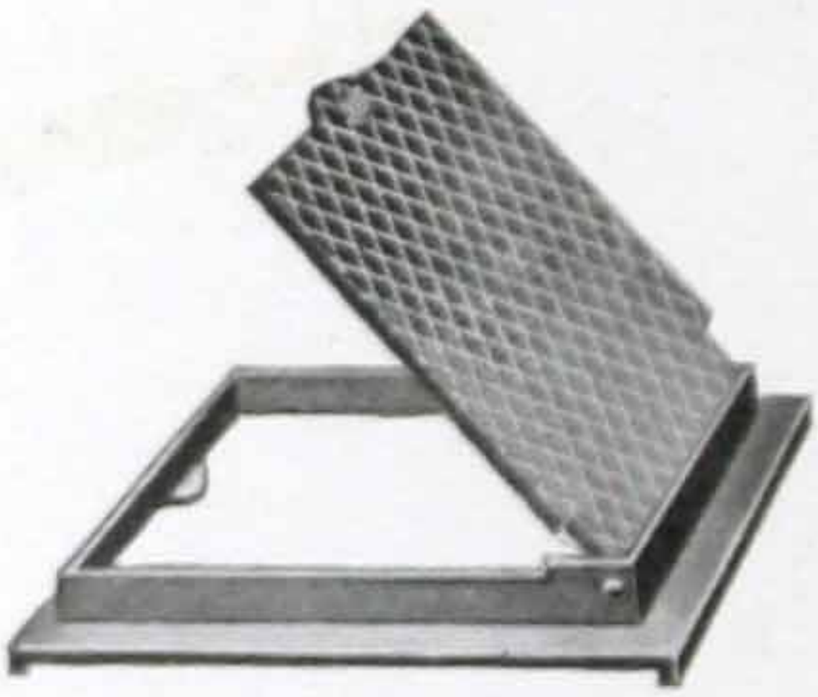
Not suitable for Traffic.

WATER METER and MANHOLE COVERS AND FRAMES



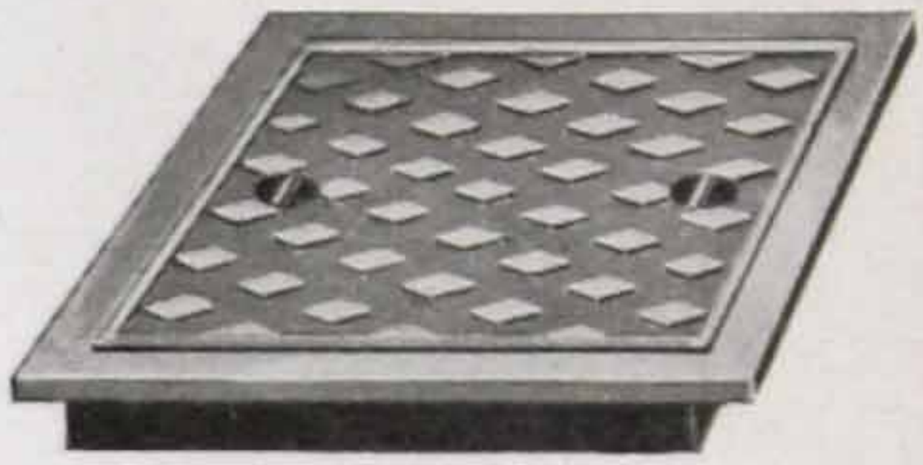
No. H 1019
MANHOLE COVER AND FRAME
With Double Groove.

Sizes Inside in.		Approx. Weights cwt.	qrs.	lbs.
6 × 6	...	0	1	0
9 × 9	...	0	1	14
12 × 12	...	0	2	0
15 × 15	...	0	2	16
20 × 15	...	0	2	16
18 × 18	...	0	3	5
24 × 18	...	0	3	26
24 × 24	...	1	1	0
30 × 24	...	1	1	12
36 × 24	...	1	2	21



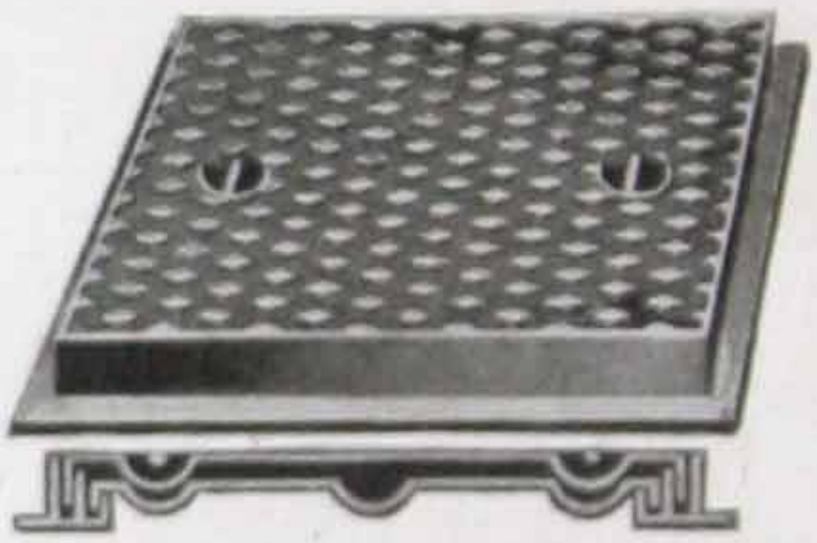
No. H 1014
WATER METER COVER
Fitted with Hinge and Brass Screw Lock.

Sizes Outside in.		Approx. Weights cwt.	qrs.	lbs.
16 × 9 × 1¼	...	0	0	27
16 × 11 × 1¼	...	0	1	4
17½ × 10¾ × 1½	...	0	1	7
18 × 14 × 1½	...	0	1	14



No. H 1026
MANHOLE COVER AND FRAME

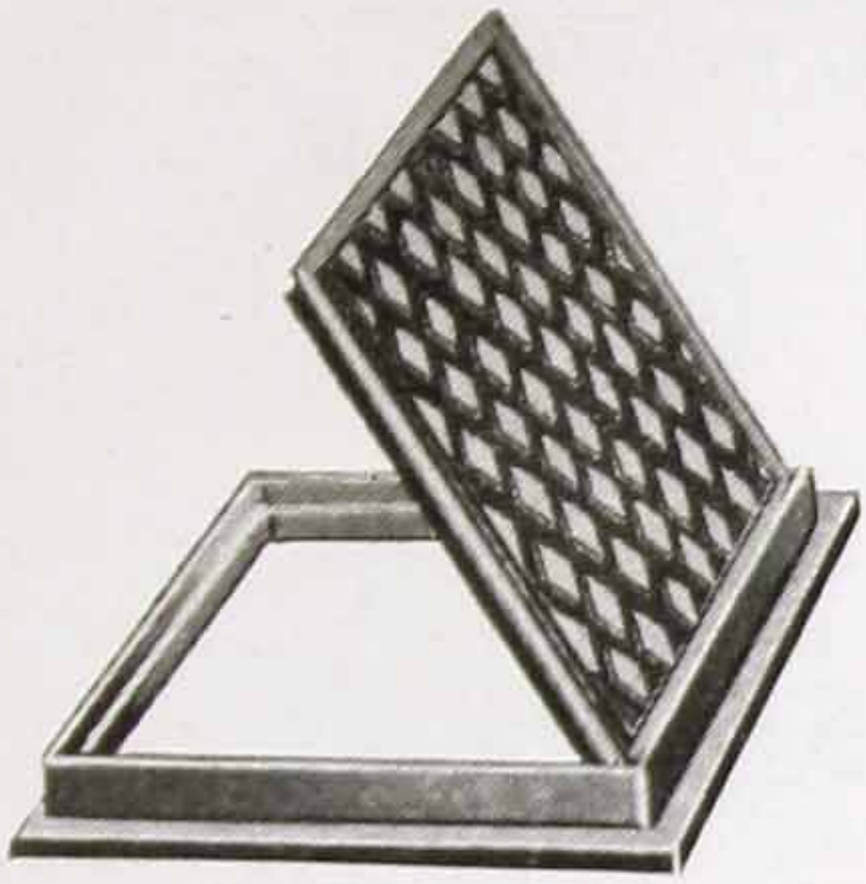
Sizes Inside in.		Approx. Weights cwt.	qrs.	lbs.
15 × 15	...	0	2	11
18 × 18	...	0	3	7
24 × 18	...	1	0	0
24 × 24	...	1	1	7
30 × 18	...	1	1	7
30 × 24	...	1	2	14



No. H 1018
MANHOLE COVER AND FRAME
With Inner Cover and Double Groove.

Sizes Inside in.		Approx. Weights cwt.	qrs.	lbs.
15 × 15	...	1	0	14
18 × 18	...	1	0	24
24 × 18	...	1	2	0
24 × 24	...	1	3	4
30 × 24	...	2	0	14

MANHOLE COVERS AND FRAMES



No. H 1028
MANHOLE COVER & FRAME
With Hinge and Lock.

Sizes Inside in.		Approx. Weights cwts.	qrs.	lb.
18 × 18	...	1	0	2
20 × 20	...	1	0	14
24 × 18	...	1	0	20
24 × 24	...	1	1	13
30 × 18	...	1	1	13
30 × 30	...	2	0	17
30 × 24	...	1	3	0
36 × 24	...	2	0	17
36 × 30	...	2	2	14

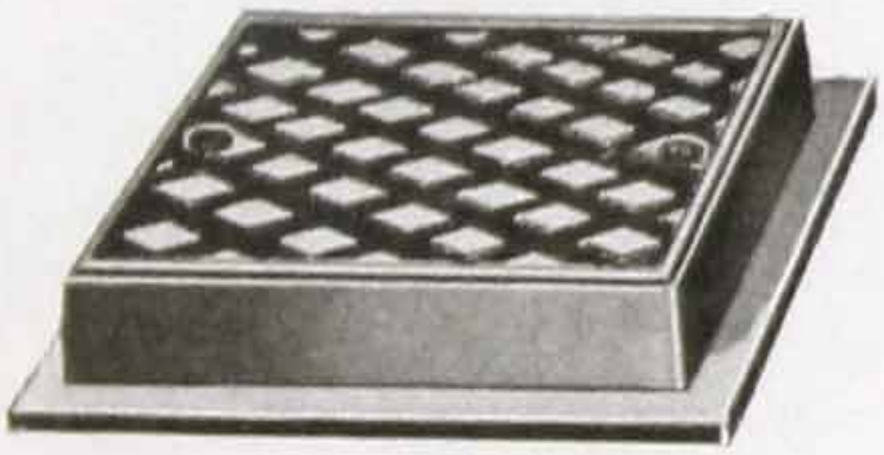
H 1028 LIGHT PATTERN

	qrs.	lb.
18 × 18	3	0
24 × 18	3	14

No. H 1029 (above)
MANHOLE COVER & FRAME
With Hinge and Lock.
Extra Heavy.

Sizes Inside in.		Approx. Weights cwts.	qrs.	lb.
24 × 18	...	2	1	0
24 × 24	...	2	2	14
30 × 18	...	2	2	0
30 × 24	...	2	3	21

Manholes fitted with Gun Metal Locks. *Extra.*



No. H 1030. AIR-TIGHT
MANHOLE COVER & FRAME
With India-rubber Joint and fitted with Lock and Hinge.

Sizes Inside in.	Sizes Outside in.	Approx. Weights cwts.	qrs.	lb.
11½ × 10½	16 × 14	0	2	0
18½ × 15½	24 × 18	1	0	0
24 × 18	29½ × 20½	1	1	14
24½ × 21⅛	30 × 24	1	1	20

No. H 1031. AIR-TIGHT
MANHOLE COVER & FRAME
With India-rubber Joints and Fitted with Two Screw Locks.

Sizes Inside in.	Sizes Outside in.		Approx. Weights cwts.	qrs.	lb.
13¾ × 11¾	16 × 14	...	0	2	0
21½ × 15½	24 × 18	...	1	0	0
27½ × 21¾	30 × 24	...	1	1	20
30 × 18	34 × 22	...	2	2	7

No. H 1031. Manholes fitted with Gun Metal Locks. *extra.*

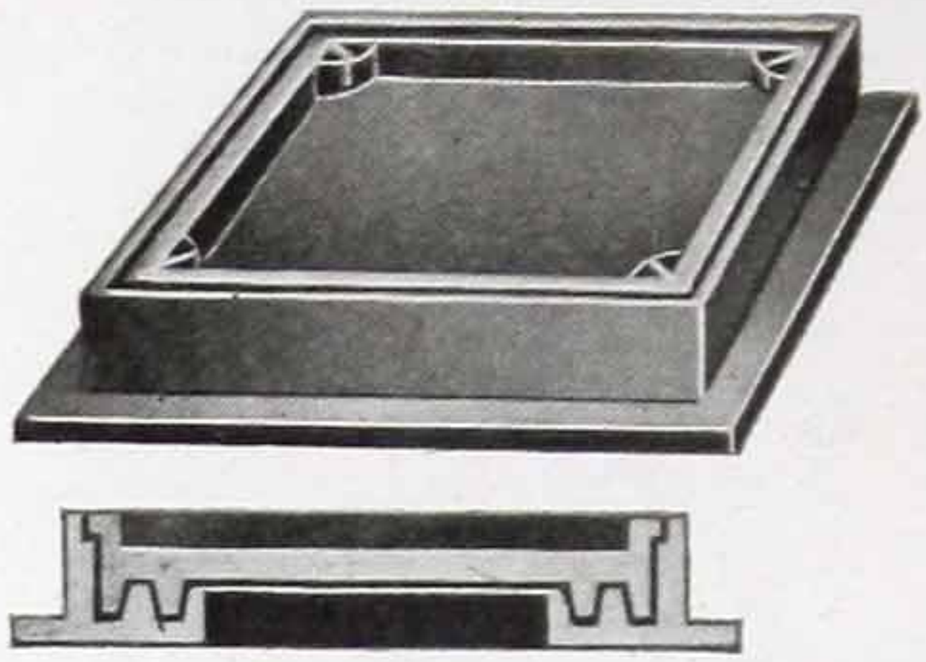
No. H 1027
MANHOLE COVER & FRAME
With Cover 1-in. deep for Concrete

Sizes Inside in.		Approx. Weights cwts.	qrs.	lb.
18 × 18	...	1	0	7
24 × 18	...	1	1	7
24 × 24	...	1	2	14
30 × 24	...	1	3	2
30 × 30	...	2	1	2

H 1027 LIGHT PATTERN

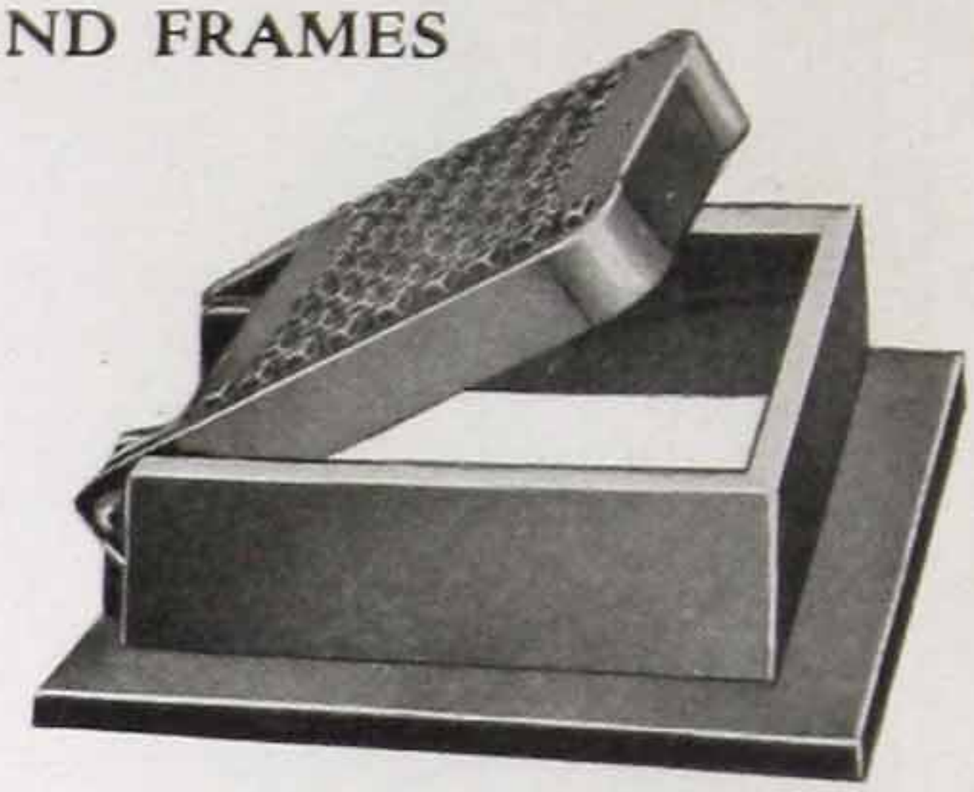
18 × 18	0	3	7
24 × 18	1	0	0

MANHOLE COVERS AND FRAMES



No. H 1012
DOUBLE SEAL MANHOLE COVERS AND FRAMES
With 2-in. Deep Sunk Cover.

Sizes Inside in.		Weights cwts.	qrs.	lb.
18 × 18	...	1	3	0
24 × 18	...	2	1	12
24 × 24	...	2	2	12
30 × 24	...	2	3	17
36 × 24	...	3	1	11



No. H 1033M
NON-ROCKING MANHOLE COVER AND FRAME
Manchester Pattern.

Sizes Clear Opening In.	Base In.	Depth In.	Approx. Weight cwts.
18 × 18	27½ × 24½	6½	4¾

No. H 1107
NON-ROCKING MANHOLE COVER AND FRAME
Heavy Street Pattern.

Sizes Clear Opening In.	Base In.	Depth In.	Approx. Weight cwts.
20 dia.	28½ × 28½	7	4½

No. H 1108
NON-ROCKING MANHOLE COVER AND FRAME
Heavy Street Pattern.

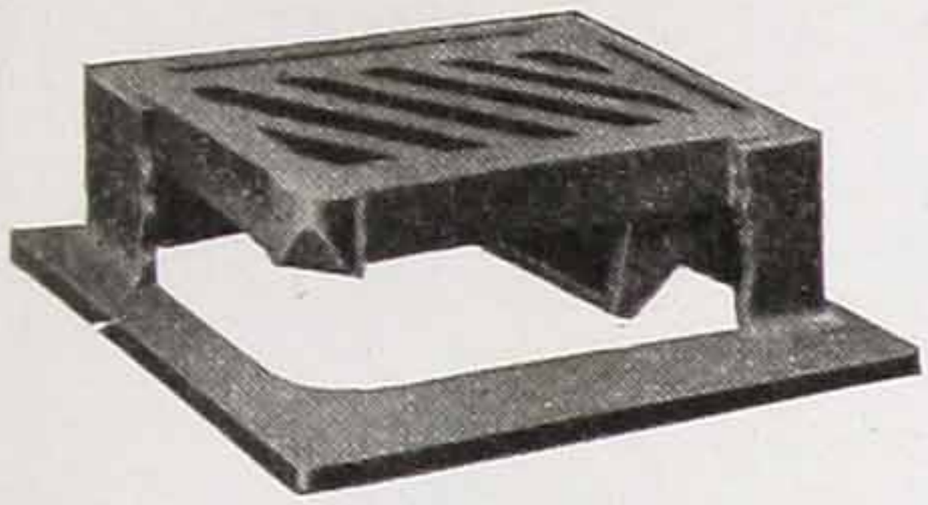
Sizes Clear Opening In.	Base In.	Depth In.	Approx. Weight cwts.
20 dia.	27 × 27	6¾	5

MANHOLE STEPS

No. H 1043
MALLEABLE IRON
Light Pattern.
Approx. Weight 2 lb. 8 oz. each.
Galvanized.

No. H 1042
MALLEABLE IRON
Heavy Pattern.
Approx. Weight 4 lb. 12 oz. each.
Galvanized.

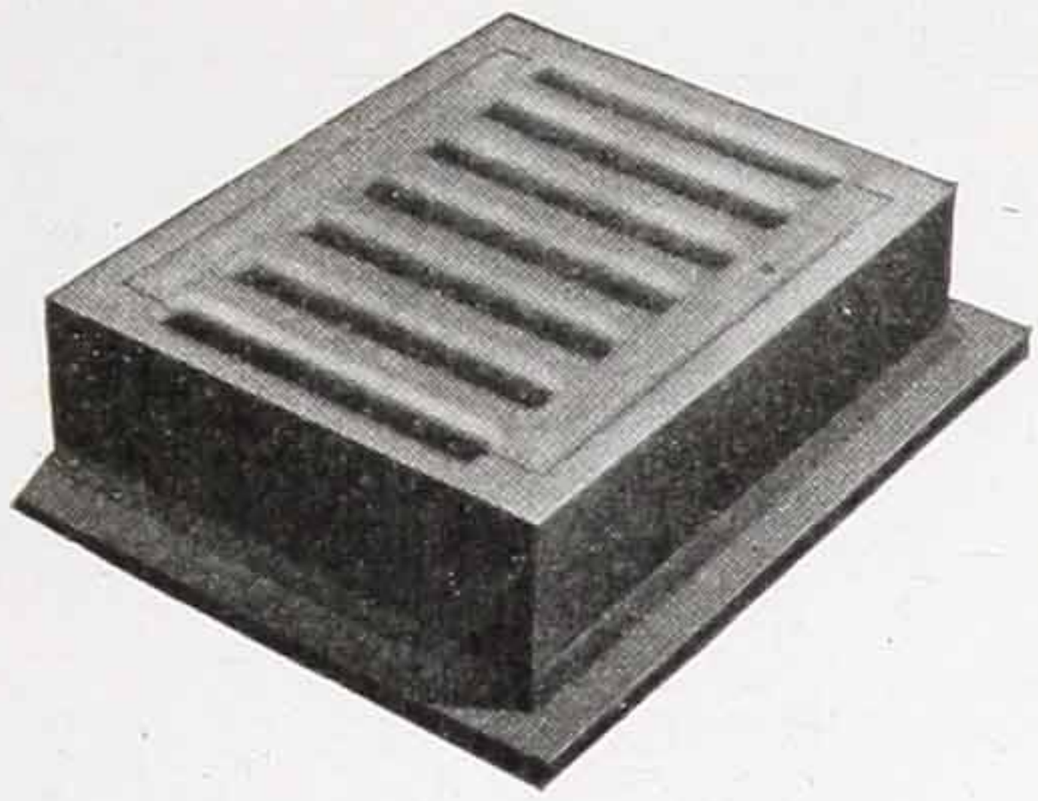
STREET GRIDS AND FRAMES



No. H 1086
NON-ROCKING STREET GULLEY GRID WITH CHUTE
Moss Side Pattern.

To pass MANCHESTER.

Sizes : Surface In.	Base In.	Depth In.	Approx. Weight C.	Q.	L.
19½ × 13¾	24 × 16	6½	2	0	0



No. H 1074
NON-ROCKING HINGED STREET GULLEY GRID
Salford Pattern.

Sizes : Surface In.	Base In.	Depth In.	Approx. Weight C.	Q.	L.
20 × 16	24 × 18	6	2	1	14

No. H 1083
To pass SALE, STRETFORD, or URMSTON.

In.	In.	In.	C.	Q.	L.
18¼ × 12½	24 × 15½	6	1	2	14

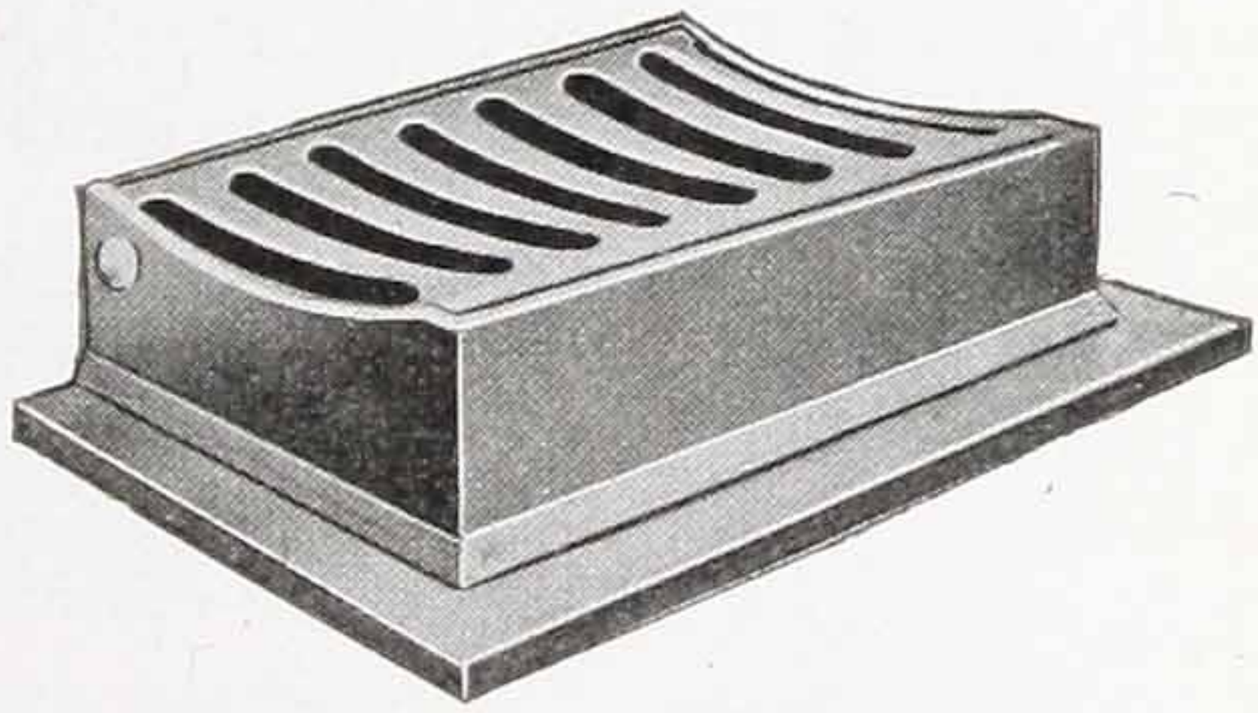
No. H 1084
PASSAGE GULLEY GRID
Manchester Pattern.

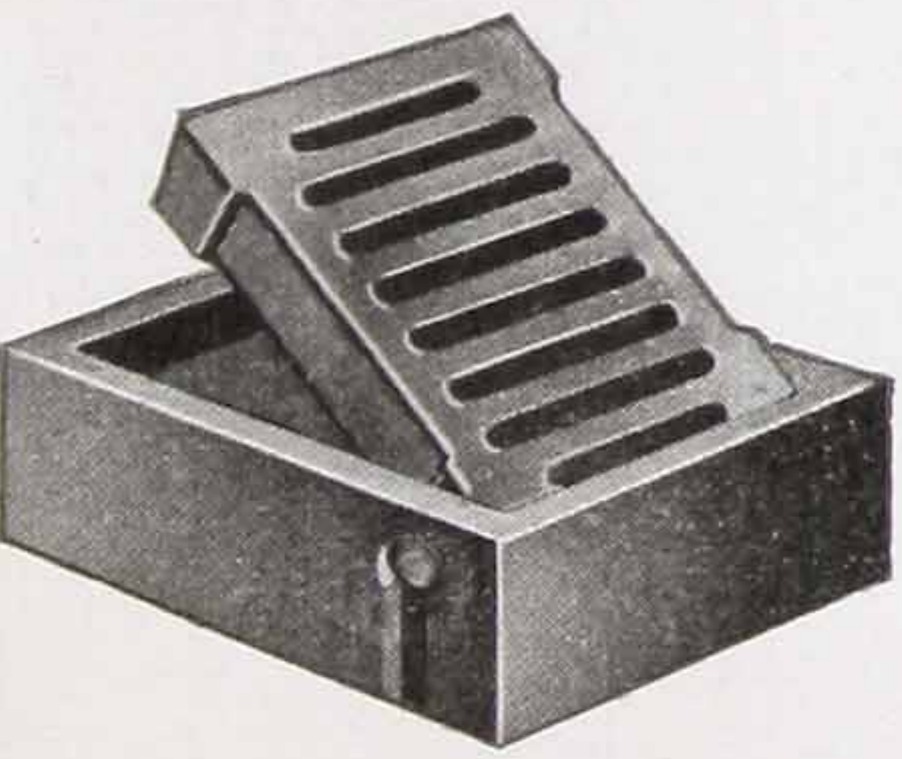
In.	In.	In.	C.	Q.	L.
16¼ × 11¼	21 × 13½	6½	1	2	0

No. H 1075
STRONG HINGED STREET GRID AND FRAME

Sizes : Surface In.	Depth In.	Approx. Weight C.	Q.	L.
22 × 16	6	2	0	12

Flanged on 3 sides.





No. H 1035
PASSAGE GRID
Manchester Pattern.

Size 12 in. × 10 in. for 14-in. Block.
Approximate Weight, 2 qrs. 0 lb.

No. H 1036

Size, 13 in. × 13 in. for 17-in. Block.
Approximate Weight, 1 cwt.

GRIDS, GRATES AND FRAMES, Etc.

No. H 1039

SQUARE BOX GRIDS, LOOSE TOPS

Sizes...	6	7 in.
Approx. Weight ...	9	9 lb.

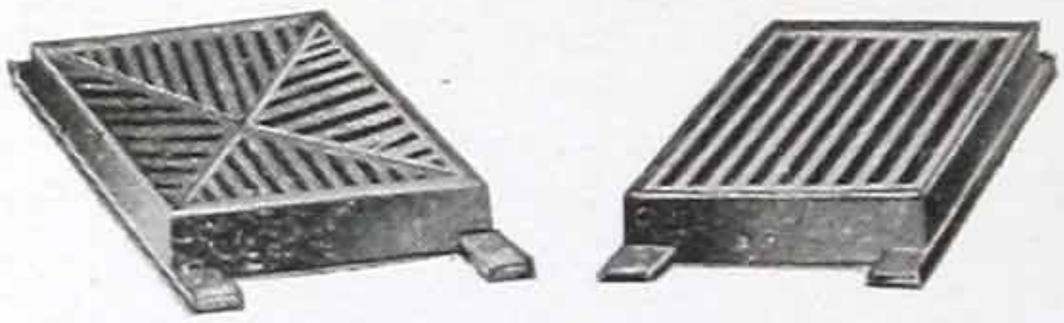
No. H 1040

SQUARE BOX GRIDS, HINGED TOPS, DISHED

Sizes	6	7	8	9	10	12	in.
Approx. Wt.	9	10½	12½	18½	21	39	lb.

No. BM 106
ROUND DISHED GULLEY GRIDS
Sizes : 4 to 12 in. dia.

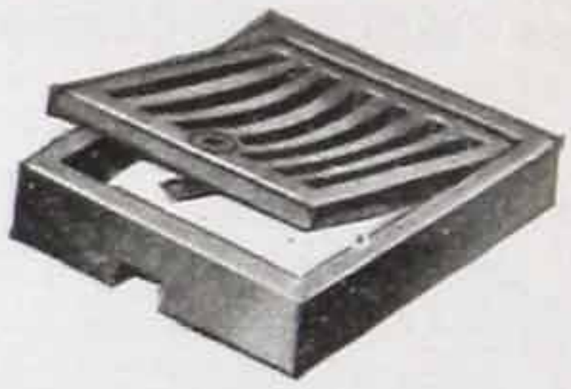
No. BM 107
SQUARE GULLEY GRIDS
Sizes 4 to 12 in. sq.



No. H 1056 No. H 1057

GARDEN GRATES & FRAMES DISHED OR FLAT

Sizes : 5, 6, 7 and 8 in.

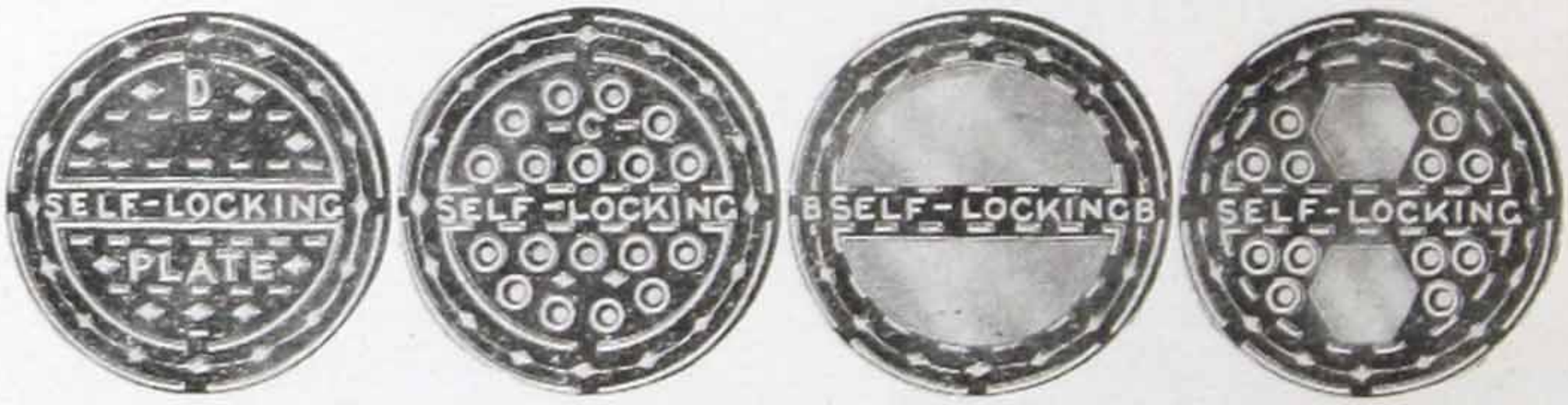


No. H 1082
HINGED GULLEY GRIDS
With Brass Turnbuckle and Key.

Opening	5×5	7⅝×7⅝	11×11	in.
Overall	6×6	8¾×8¾	12¼×12¼	,,
Depth	1⅛	1½	1½	,,

With or Without Brass Turnbuckle and Key.

IMPROVED SELF-LOCKING COAL PLATES



No. H 1093. Solid. | No. H 1094. Ventilating. | No. H 1095. Illuminating. | No. H 1096. Illuminating and Ventilating.

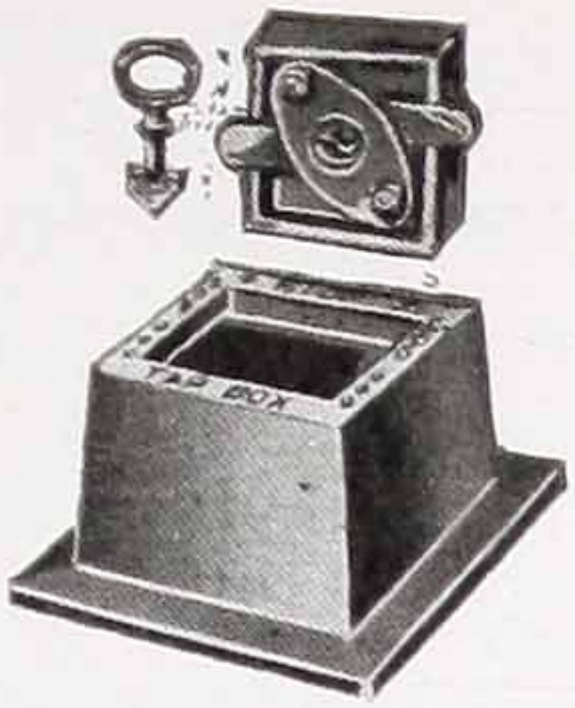
When ordering please state if ring is for Stone or Asphalt,

Sizes : 12 to 18 in. diam.

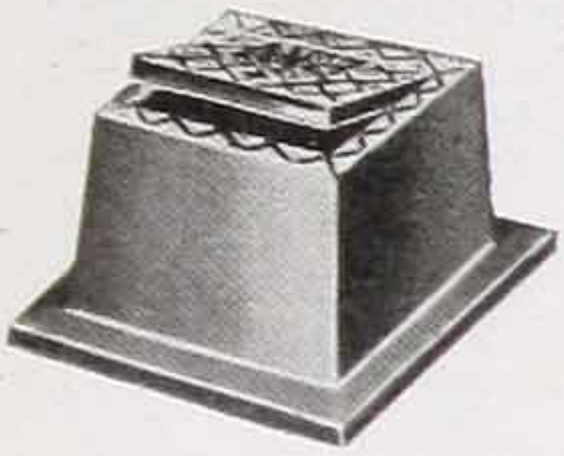
STOP TAP BOXES

No. L 381
MANCHESTER
$7\frac{3}{4} \times 6 \times 3\frac{1}{2}$ in. deep.
$9\frac{3}{4} \times 7\frac{3}{4}$ in. outside flange.

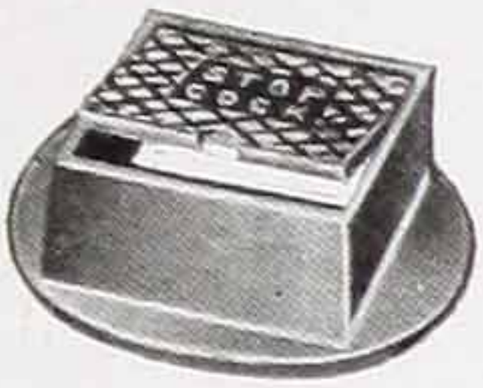
No. L 390
For Heavy Traffic.
$4\frac{1}{2} \times 4\frac{1}{2} \times 4$ in. deep.



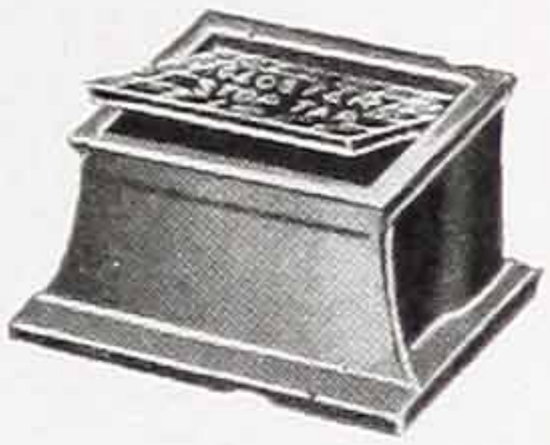
No. L 399
WIGAN
$6 \times 5\frac{1}{4} \times 4\frac{1}{4}$ in. deep.



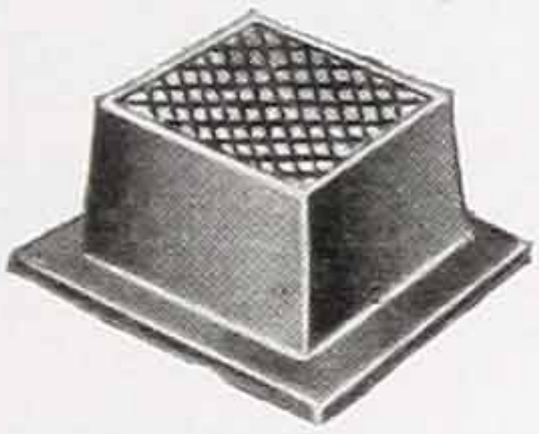
No. L 395
ST. HELENS
Hinged.
$5\frac{1}{2} \times 5\frac{1}{2} \times 5$ in. deep.



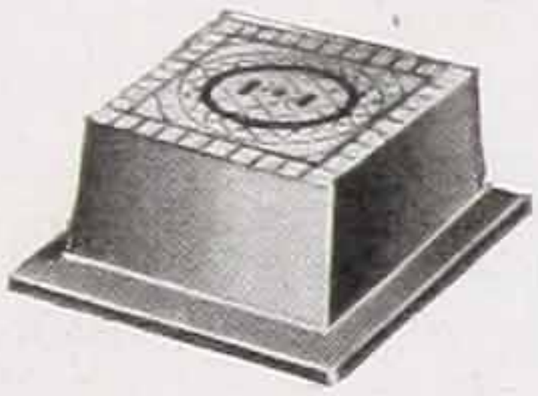
No. L 380
$5 \times 5 \times 2\frac{1}{2}$ in. deep.



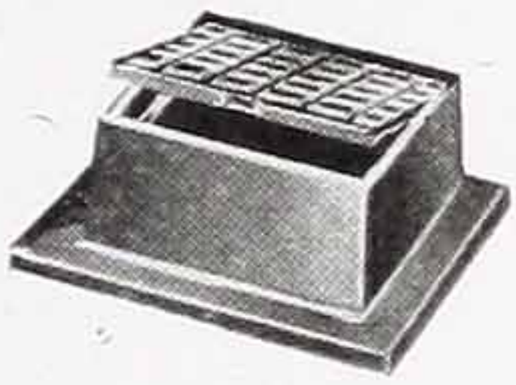
No. L 397
GLOUCESTER
Hinged.
$8 \times 6\frac{3}{4} \times 3\frac{1}{2}$ in. deep.



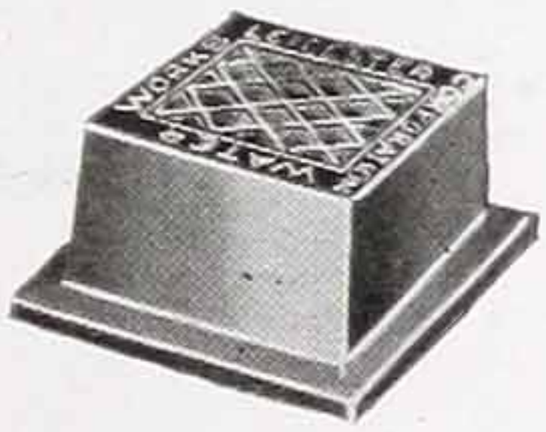
No. L 383
$5 \times 5 \times 4$ in. hinged.



No. L 398
LINCOLN
Self-Locking.
$5\frac{1}{2} \times 5\frac{1}{2} \times 3$ in. deep.



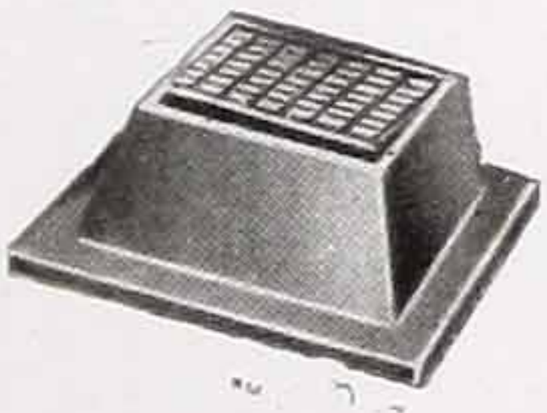
No. L 387
$4\frac{1}{4} \times 4\frac{1}{4} \times 2\frac{1}{4}$ in. deep
$4\frac{1}{2} \times 4 \times 3$,,
$6 \times 6 \times 3$,,



No. L 396
LEICESTER
$5\frac{1}{4} \times 5\frac{1}{4} \times 3\frac{3}{4}$ in. deep.

No. L 392. Heavy
$6\frac{1}{2} \times 6\frac{1}{2} \times 6$ in. deep
$7\frac{1}{2} \times 7\frac{1}{2} \times 4$,,
$8\frac{1}{2} \times 6 \times 5\frac{1}{2}$,,
$9\frac{1}{2} \times 7\frac{1}{2} \times 4$,,
$9\frac{1}{2} \times 7\frac{1}{2} \times 6\frac{1}{2}$,,
$10 \times 10 \times 6$,,
$12 \times 8 \times 6$,,
$13\frac{1}{2} \times 10\frac{1}{2} \times 3\frac{1}{2}$,,

No. L 384
$5\frac{1}{2} \times 5\frac{1}{2} \times 4$ in. deep
$6 \times 5 \times 3$,,
$6 \times 5 \times 4$,,
$6\frac{3}{4} \times 4\frac{3}{4} \times 3\frac{1}{4}$,,
$6 \times 6 \times 5$,,
$6 \times 6 \times 3$,, Strong
$5\frac{1}{4} \times 5\frac{1}{4} \times 5$,, Heavy
$5\frac{1}{2} \times 5\frac{1}{2} \times 4$,,
1 in. Flange



No. L 389
COVENTRY
$6\frac{3}{4} \times 6\frac{3}{4} \times 4\frac{1}{2}$ in. deep.

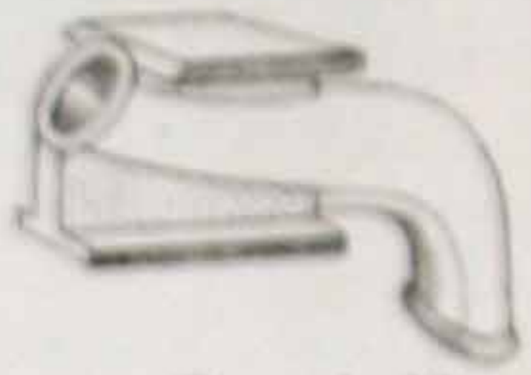
For Orders of 3 dozen and upwards, Name and Address cast on free.

BAXENDALE & CO. LTD.

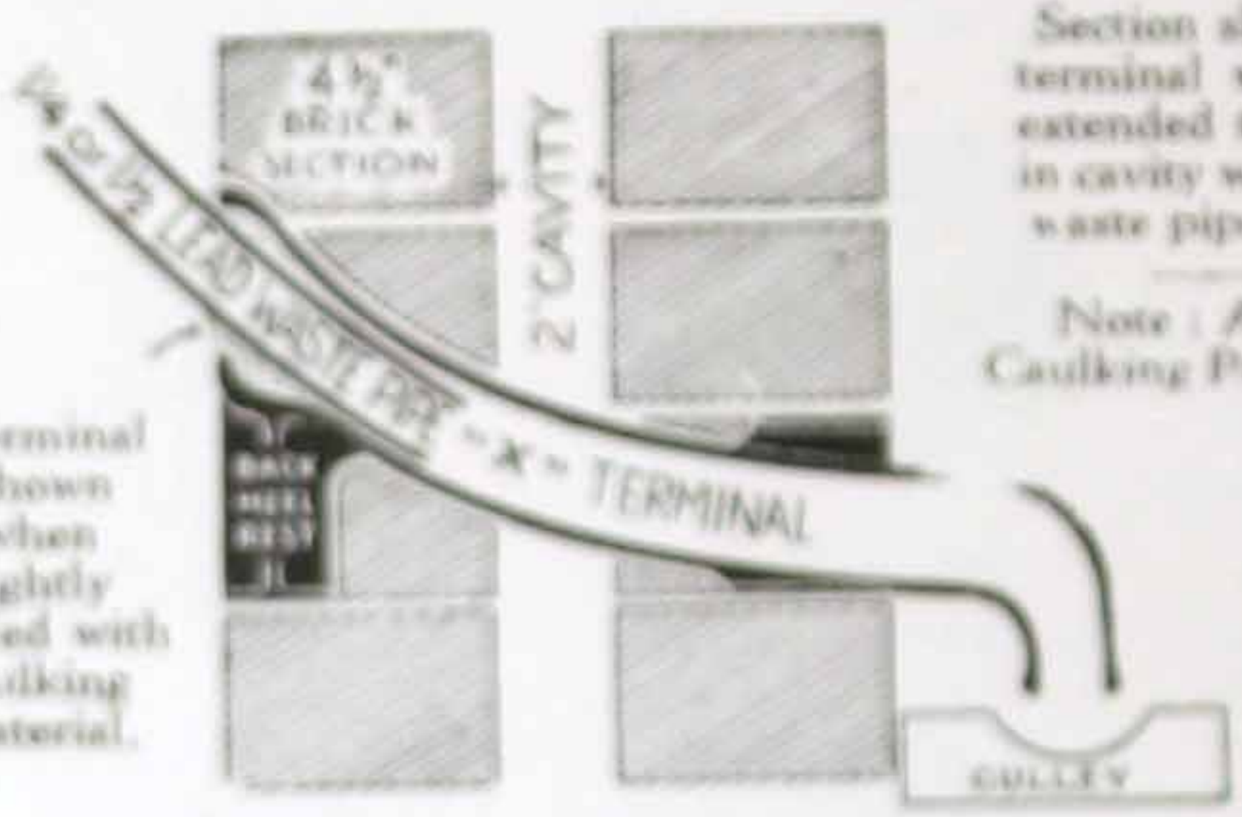
HYGIENIC ANTI-SPLASH WASTE PIPE TERMINAL

Made in cast-iron and coated with Black Petrifying Solution.

Any force of waste water **instantly** controlled. **It stops splashing.** It **obviates** waste matter being indiscriminately scattered about.



General View showing Inner End with the Hole to receive Waste Pipe



Section showing terminal with tail extended to build in cavity wall with waste pipe fitted.

Note : Adequate Caulking Provision.

Terminal shown when tightly sealed with caulking material.

No. R 926 TYPE "A"

No. R 925. Short pattern which will take the place of the outside Brick.

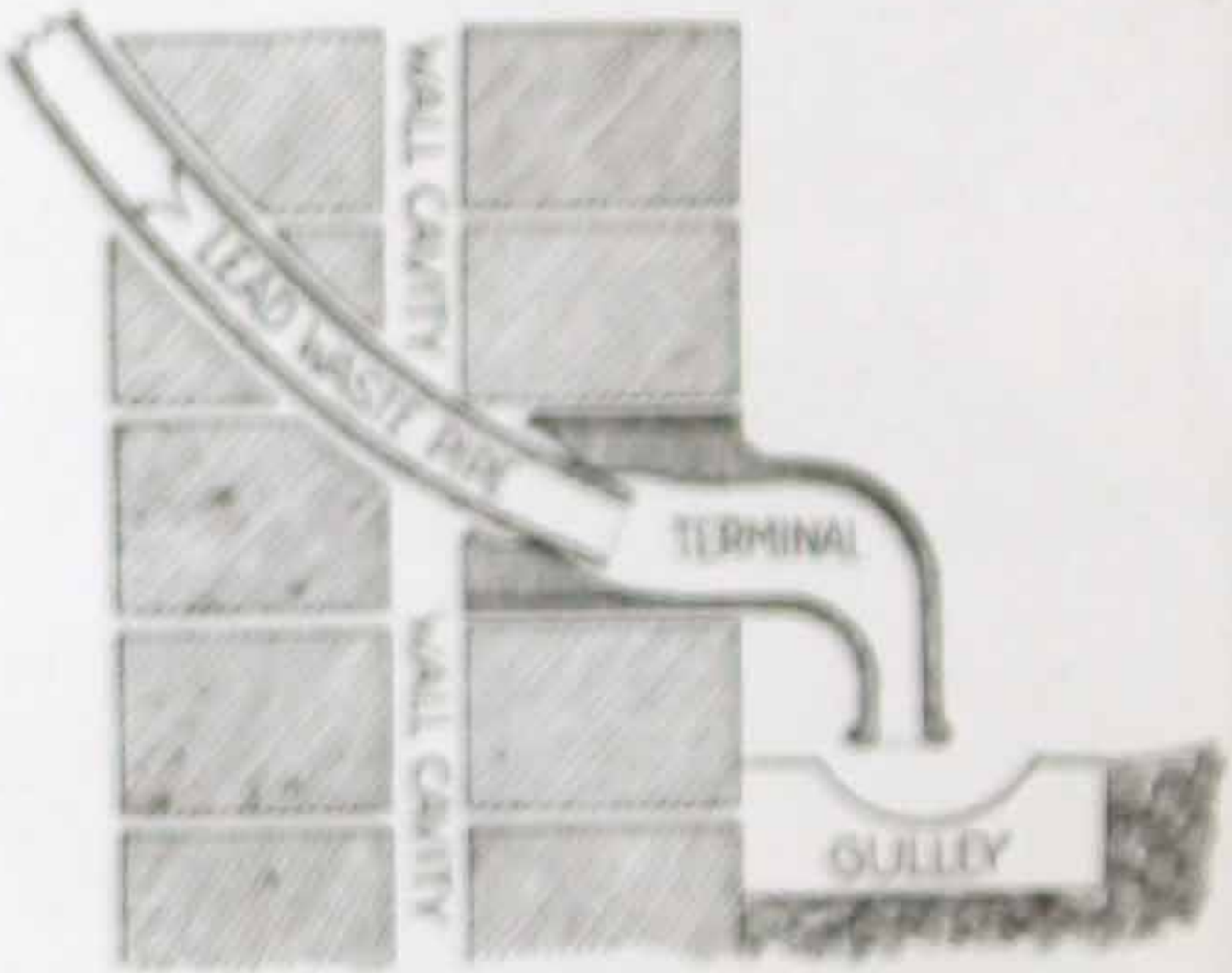
No. R 926. Long pattern to go through a 9-in. cavity wall.

The Inner End "X" can be supplied extended as required to be built in the full thickness of any wall, at extra cost.

The unsatisfactory conditions created by the Lead Waste Extension are entirely eliminated.

Thousands already fixed by Councils and others.

Prices on application stating quantity required.



No. R 925

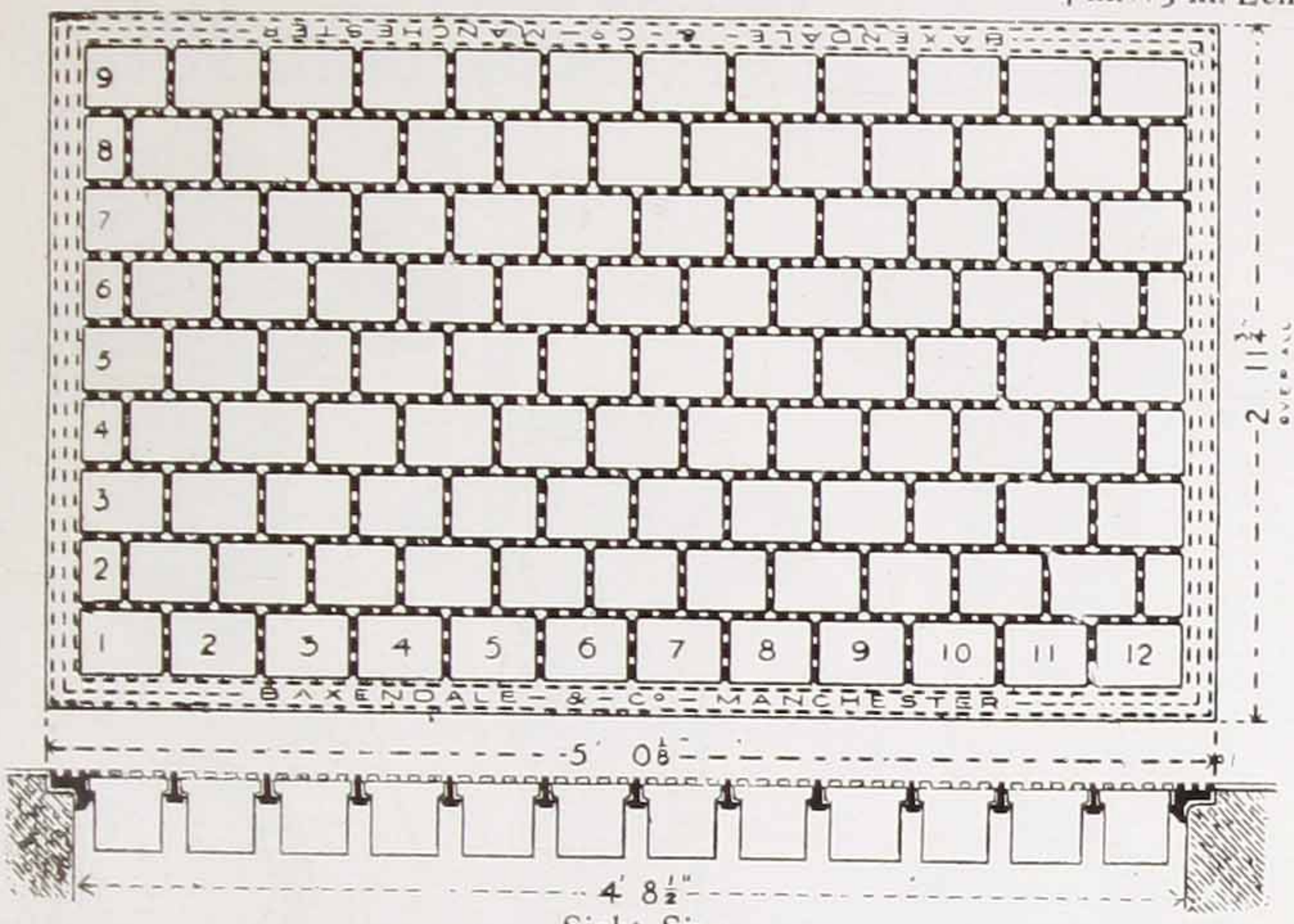
Section : Showing Terminal built in, with Lead Waste Pipe fitted.

MILLER STREET · MANCHESTER

No. H 1150

PAVEMENT LIGHTS

4-in. × 3-in. Lenses



Sight Size

C Convex Lens

B Semi-Prism

Non-Slip Carbrum Lights, Stallboard Lights. Safety Cellar Flaps.
Prices on application giving full details of requirements.

STOCK PATTERN SIZES—No. H 1150 Pattern

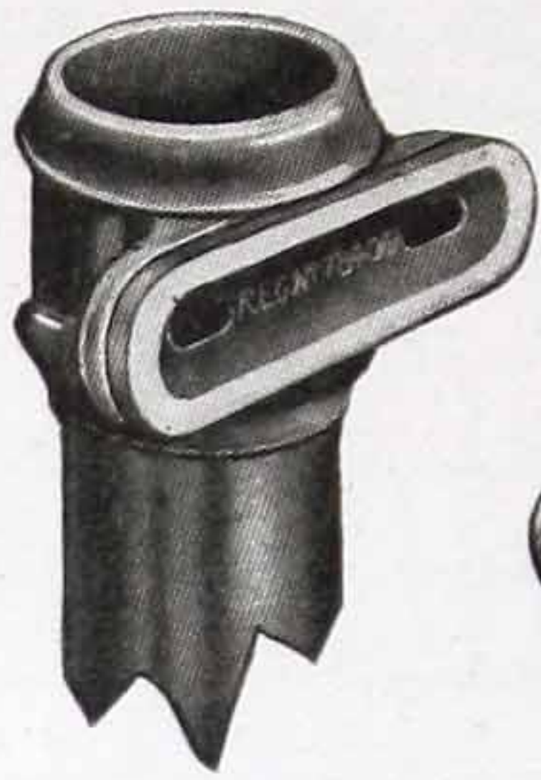
Overall Dimensions, including 1¾-in. Flange all round.

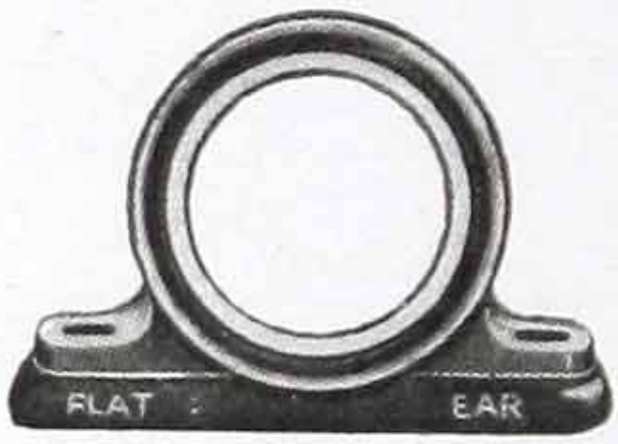
nses in ont	L'ngth	Depth 3 Lenses	Super	L'ngth	Depth 4 Lenses	Super	L'ngth	Depth 5 Lenses	Super	L'ngth	Depth 6 Lenses	Super
	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in
6	2 8 3/16	× 1 2¾ =	3 6	2 8 3/16	× 1 6¼ =	4 0	2 8 3/16	× 1 9¾ =	5 0	2 8 3/16	× 2 1¼ =	5 7
7	3 0⅞	× 1 2¾ =	3 10	3 0⅞	× 1 6¼ =	4 8	3 0⅞	× 1 9¾ =	5 8	3 0⅞	× 2 1¼ =	6 6
8	3 5½	× 1 2¾ =	4 5	3 5½	× 1 6¼ =	5 3	3 5½	× 1 9¾ =	6 5	3 5½	× 2 1¼ =	7 4
9	3 10⅛	× 1 2¾ =	4 10	3 10⅛	× 1 6¼ =	5 9	3 10⅛	× 1 9¾ =	7 0	3 10⅛	× 2 1¼ =	8 0
0	4 2 13/16	× 1 2¾ =	5 4	4 2 13/16	× 1 6¼ =	6 5	4 2 13/16	× 1 9¾ =	7 10	4 2 13/16	× 2 1¼ =	8 11
1	4 7½	× 1 2¾ =	5 10	4 7½	× 1 6¼ =	7 0	4 7½	× 1 9¾ =	8 7	4 7½	× 2 1¼ =	9 9
2	5 0⅛	× 1 2¾ =	6 3	5 0⅛	× 1 6¼ =	7 6	5 0⅛	× 1 9¾ =	9 2	5 0⅛	× 2 1¼ =	10 5

nses in ont	Length	Depth 7 Lenses	Super	Length	Depth 8 Lenses	Super	Length	Depth 9 Lenses	Super
	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
6	2 8 3/16	× 2 4¾ =	6 6	2 8 3/16	× 2 8¼ =	7 2	—	—	—
7	3 0⅞	× 2 4¾ =	7 6	3 0⅞	× 2 8¼ =	8 3	3 0⅞	× 2 11¾ =	9 3
8	3 5½	× 2 4¾ =	8 6	3 5½	× 2 8¼ =	9 4	3 5½	× 2 11¾ =	10 6
9	3 10⅛	× 2 4¾ =	9 4	3 10⅛	× 2 8¼ =	10 3	3 10⅛	× 2 11¾ =	11 0
0	4 2 13/16	× 2 4¾ =	10 4	4 2 13/16	× 2 8¼ =	11 4	4 2 13/16	× 2 11¾ =	12 9
1	4 7½	× 2 4¾ =	11 4	4 7½	× 2 8¼ =	12 6	4 7½	× 2 11¾ =	14 0
2	5 0⅛	× 2 4¾ =	12 1	5 0⅛	× 2 8¼ =	13 4	5 0⅛	× 2 11¾ =	19 0

BAXENDALE & CO. LTD.

PARAMOUNT
IMPROVED RAINWATER AND SOIL PIPES





Flat Projecting

THE PARAMOUNT NEW (Regd.) EARS
Projecting and Flat

Undoubtedly the best Ears made.

They are unique, so specify Paramount for your next job.

THE PROJECTING EAR

ALLOWS FROM 1¼ in. TO 1½ in. CLEARANCE FROM THE WALL

CAN READILY BE PAINTED ALL ROUND.

"PARAMOUNT" is our Registered Trade Mark.

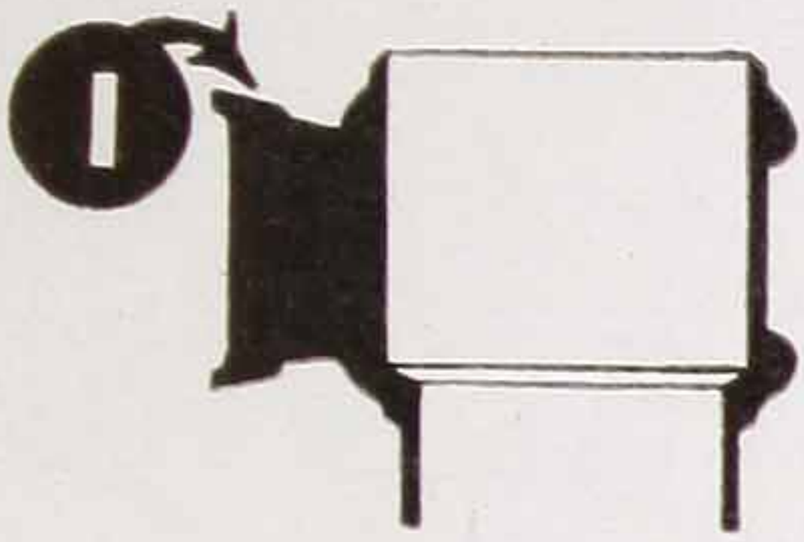
MILLER STREET · MANCHESTER

BAXENDALE & CO. LTD.

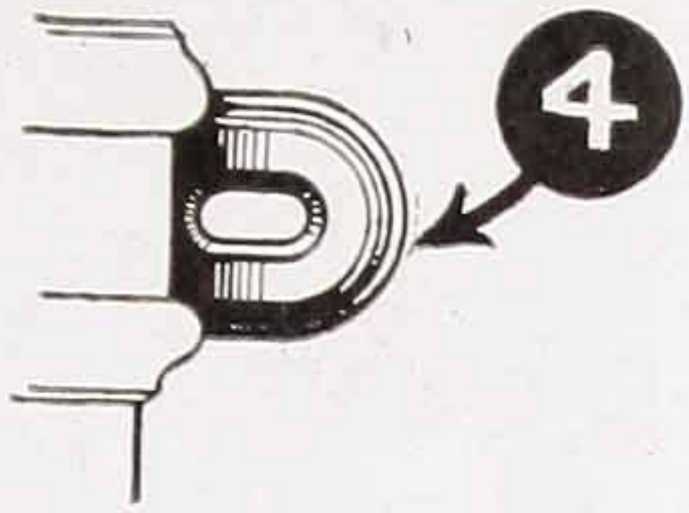
PARAMOUNT
IMPROVED RAINWATER AND SOIL PIPES

with New (Regd.) ears—projecting and flat.

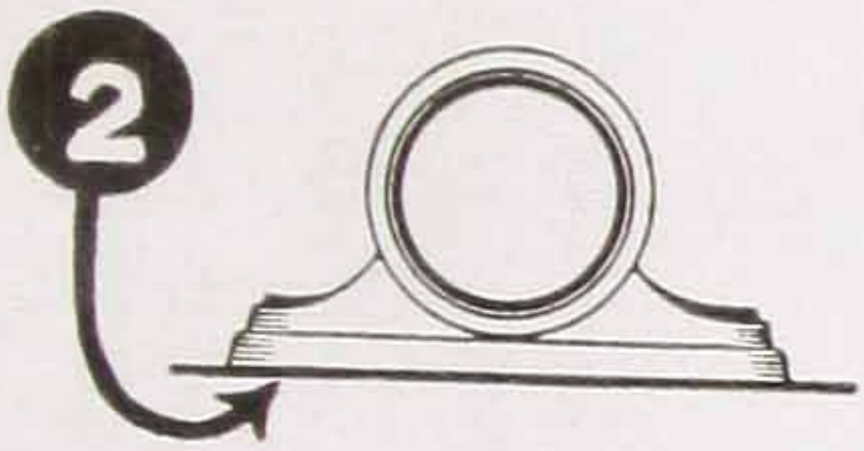
Six Vital Points not possessed by any other ears.



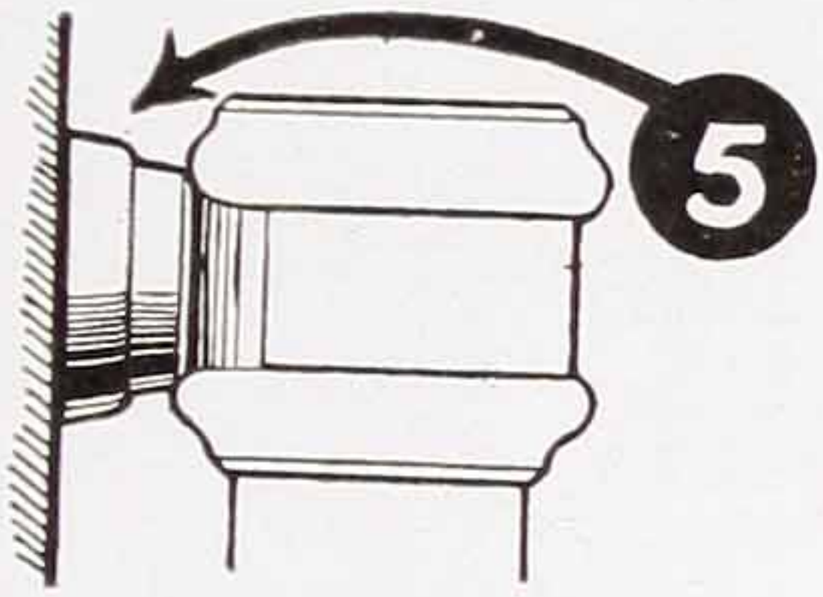
300% STRONGER
THE STRONGEST TYPE MADE



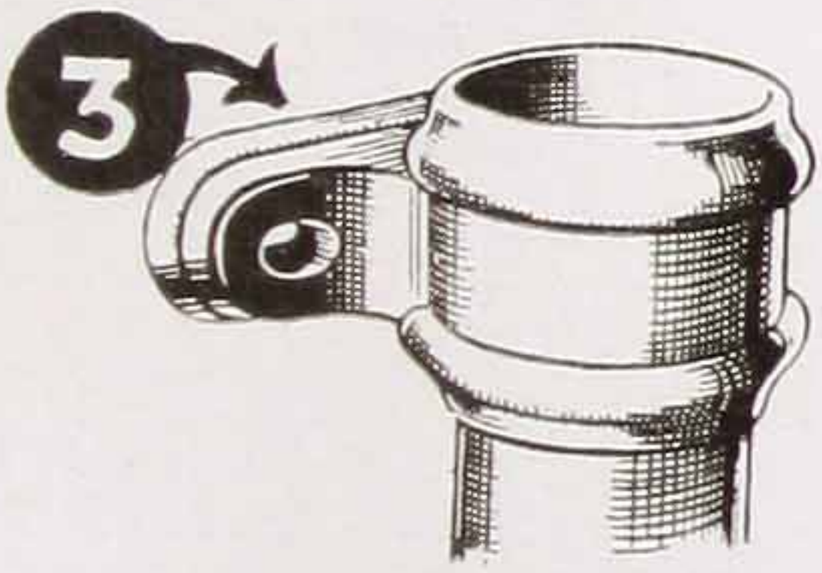
OVAL NAIL HOLES—THEREFORE—
NO MORE SLANTING NAILS
NO MORE BROKEN LUGS



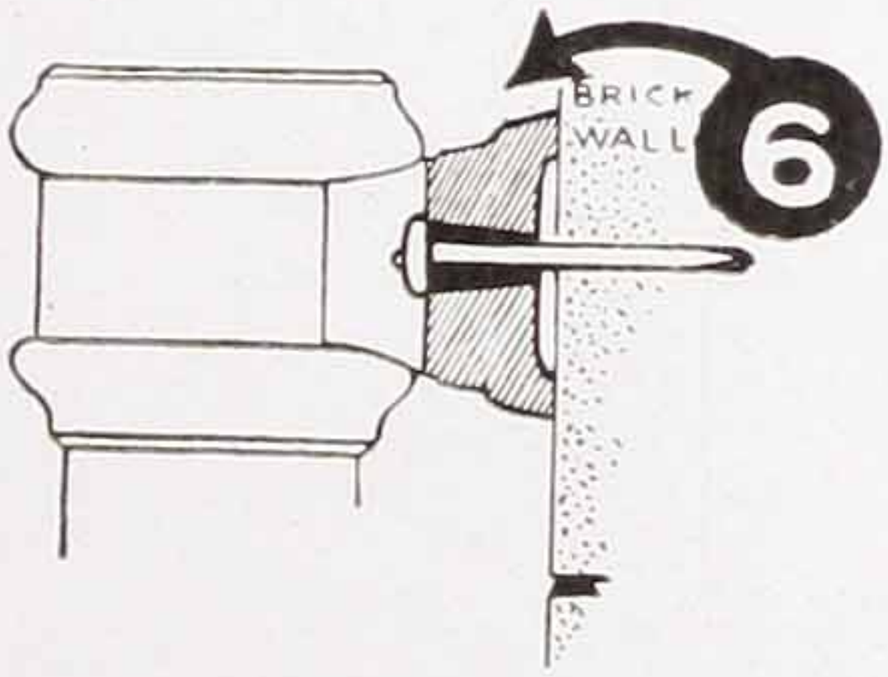
CAST IRON EXTENDS FULL LENGTH
ENSURING
MAXIMUM OF RIGIDITY



SLOPES FROM THE WALL
THEREFORE LITTLE RISK OF
CORROSION AT BACK OF EARS



THE EAR HAS BEEN SO DESIGNED
THAT THE GRACEFUL MOULDING
OF THE SOCKET BEADS IS RETAINED
CAST IRON THROUGHOUT



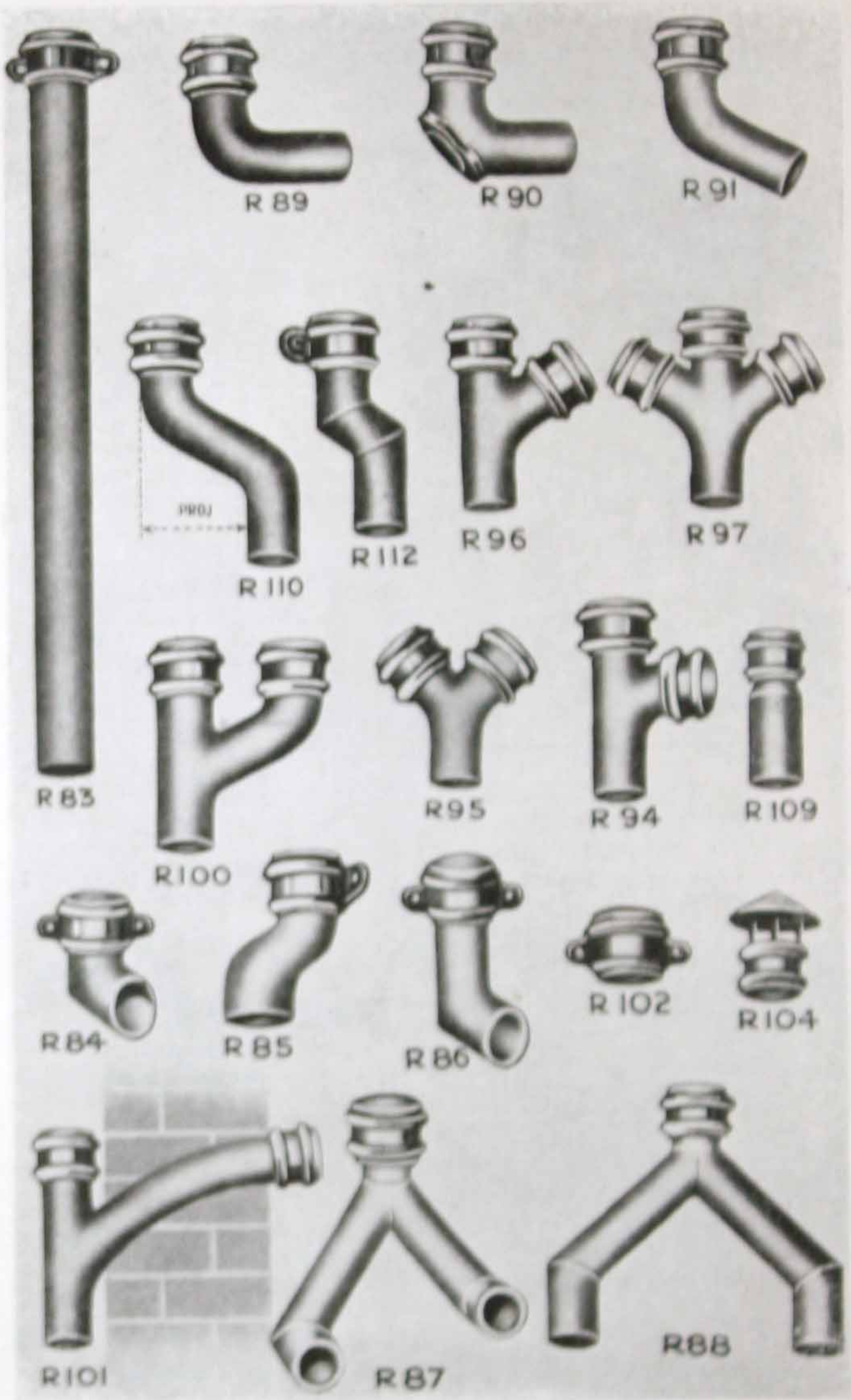
BOBBINS NOT REQUIRED
ORDINARY LENGTH PIPE NAILS
CAN BE USED

Points 2, 4 and 6 definitely establish Paramount the cheapest eared pipe to fix. No extra price.

LIVERPOOL · EDINBURGH · DUBLIN

BAXENDALE & CO. LTD.

Paramount round Rain-Water and Stove Pipes and Connections



MILLER STREET · MANCHESTER

PARAMOUNT
ROUND RAIN-WATER AND STOVE PIPES AND CONNECTIONS

R 83 ROUND PIPES, 6-ft. lengths. Short lengths as available at time of delivery.

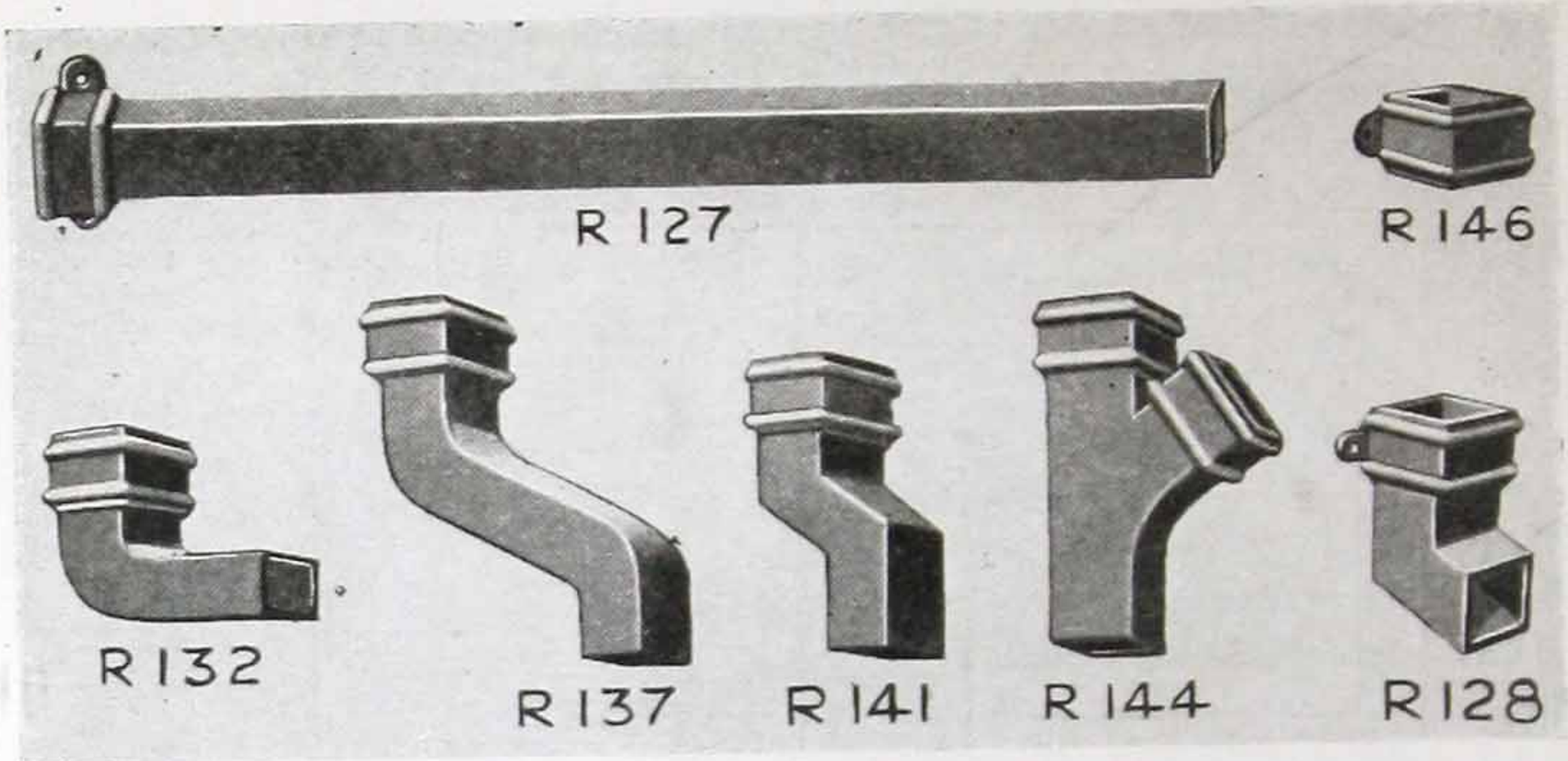
Sizes 2 2½ 3 3½ 4 4½ 5 6 in.

STANDARD LIST OF CONNECTIONS.

R 84	Shoes, Common
R 85	,, Anti-splash
R 86	Boots, 12 in. long overall
	,, 15 ,, ,,
	,, 18 & 20 in. long overall
	,, 24 in. long overall
R 87	Boots, Double
R 88	Straight Breeches Piece
R 89	Bends, Square
R 90	,, with Soot Door
R 91	,, Obtuse
R 92	,, ,, with Soot Door
R 93	,, with 12-in. Tails
R 94	T-pieces
R 95	Y-pieces
R 96	Branch Pieces, single
R 97	,, ,, double
R 98	,, ,, cast on pipes (spigot)
R 99	,, ,, ,, (faucet)
R 100	,, ,, Parallel (not exceeding 6-in. centres)
R 101	Branches, curved arm, 4-in. 6 9 12 15 16 18-in. proj.
R 102	Union Sockets
R 104	Bonnet Tops with socket
R 105	,, ,, without socket
R 106	Siphon Traps
R 107	,, ,, with door
R 108	,, ,, ,, screwed plug
R 109	Diminishing Pieces (large end)
R 110	Swan Necks, 3-in. offset
	,, ,, 4½ and 6-in. offset
	,, ,, 9-in. offset
	,, ,, 12 ,,
	,, ,, 15 ,,
	,, ,, 18 ,,
	,, ,, 21 ,,
	,, ,, 24 ,,
	,, ,, 27 ,,
	,, ,, 30 ,,
R 112	Plinth Bends, 3-in. proj.
	,, ,, 4½ ,, 6 ,,
R 113	Side Ears
R 114	Ordinary Ears on Bends, Swan-necks, and Branches
R 115	Small Plain Square Ears, Cast on
R 116	Small Ornamental Ears, Cast on
R 117	Small Plain Proj. Ears, Cast on 1½ to 2-in. proj. to body
R 118	Small Ornamental Proj. Ears, Cast on 1½ to 2-in. proj. to body
R 119	Angle Ears, Cast on
R 120	Large Square Proj. Ears, Cast on. 1½ to 2-in. proj. to body
R 121	Flat Ears, Cast on, full depth of Socket either Plain or Beaded
R 122	Single Spigot Branch, Cast on pipe
R 123	Single Socket Branch, Cast on pipe

Stove Pipes are supplied without Ears unless otherwise ordered.

PARAMOUNT SQUARE OR RECTANGULAR RAIN-WATER PIPES AND CONNECTIONS



R 127 SQUARE OR RECTANGULAR PIPES in 6 ft. lengths. Short lengths as available at time of delivery.

Sizes : $2\frac{1}{2} \times 2$ 3×2 $3 \times 2\frac{1}{2}$ 3×3 $3\frac{1}{2} \times 2\frac{1}{2}$ $3\frac{1}{2} \times 3$ $3\frac{1}{2} \times 3\frac{1}{2}$ 4×2 in.

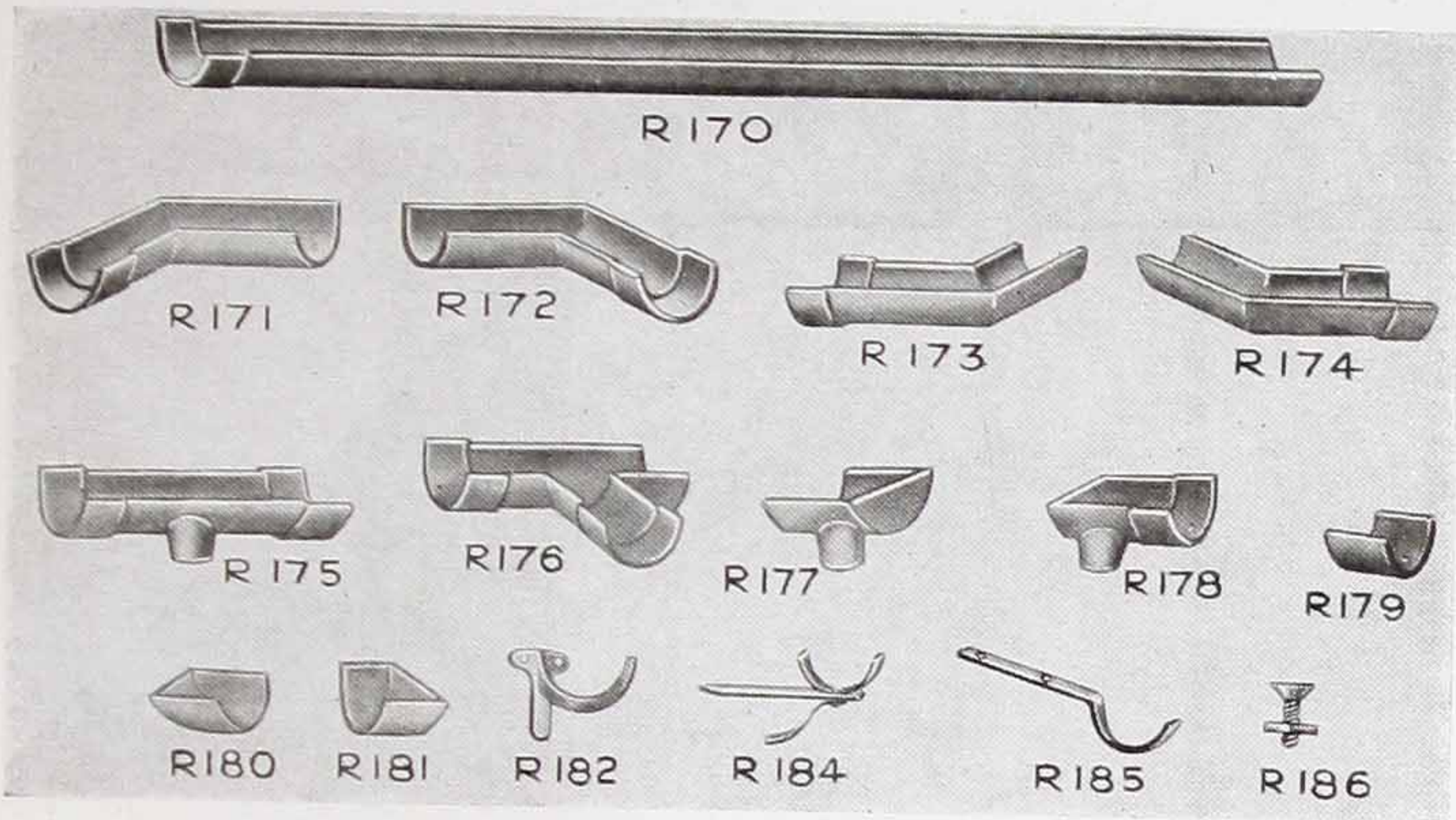
$4 \times 2\frac{1}{2}$ 4×3 $4 \times 3\frac{1}{2}$ 4×4 $4\frac{1}{2} \times 3$ $4\frac{1}{2} \times 3\frac{1}{2}$ 5×3 $5 \times 3\frac{1}{2}$ in.

STANDARD LIST OF CONNECTIONS

R 128	Shoes ... ...
R 129	,, Side ... ...
R 130	,, Corner ... ...
R 132	Elbows, Front, Square ... ...
R 133	,, ,, Obtuse ... ...
R 134	,, Side, Square ... ...
R 135	,, ,, Obtuse ... ...
R 136	Corner Bends ... ...
R 137	Front Offsets ... 3-in. proj.
	,, $4\frac{1}{2}$ & 6-in. proj.
	,, 9-in. proj. ...
	,, 12 ,, ...
	,, 15 ,, ...
	,, 18 ,, ...
	,, 21 ,, ...
	,, 24 ,, ...
R 141	Plinth Offsets, proj. ... ...
	,, 3 ... ...
	,, $4\frac{1}{2}$,, ...
	,, 6 ,, ...
R 142	Corner Plinths ... ...
R 143	Side ,, ...
R 144	Branch Pieces, single ... ...
R 145	,, ,, double ... ...
R 146	Union Sockets ... ...
R 148	Small Plain Projecting Ears cast on $1\frac{1}{2}$ to 2-in. proj. to body ... ...
R 149	Small Orna. Projecting Ears cast on $1\frac{1}{2}$ to 2-in. proj. to body ... ...
R 149*a*	Large Square Projecting Ears, cast on $1\frac{1}{2}$ to 2-in. proj. to body
R 149*b*	Flat Ears, cast on full depth of Socket either Plain or Beaded
R 147	Angle Ears, cast on ... ...

PARAMOUNT

H.R. GUTTERS AND CONNECTIONS



R 170 H.R. GUTTER, in 6 ft. lengths. Short lengths as available at time of delivery.

Sizes 3 3½ 4 4½ 5 6 in.

STANDARD LIST OF CONNECTIONS

R 171	Angles, Square, Right-hand ...	R 180/1	Stop Ends ... ...
R 172	,, ,, Left-hand ...		Drops, loose or cast on... ...
R 173	,, Obtuse 135° Left-hand	R 182	Facia Brackets, cast Light ...
R 174	,, ,, Right-hand ...	R 184	Wrought-Iron Gutter Brackets, to drive ... ...
R 175	Nozzle Pieces	R 185	Wrought-iron Gutter Brackets, to screw ... ...
R 176	Tee Pieces	R 186	Gutter Bolts and Nuts ...
R 177	End Pieces with Drop Spigot end	R 187	Drop Gratings, cast ... ...
R 178	,, ,, ,, Faucet end		
R 179	Union Clips		

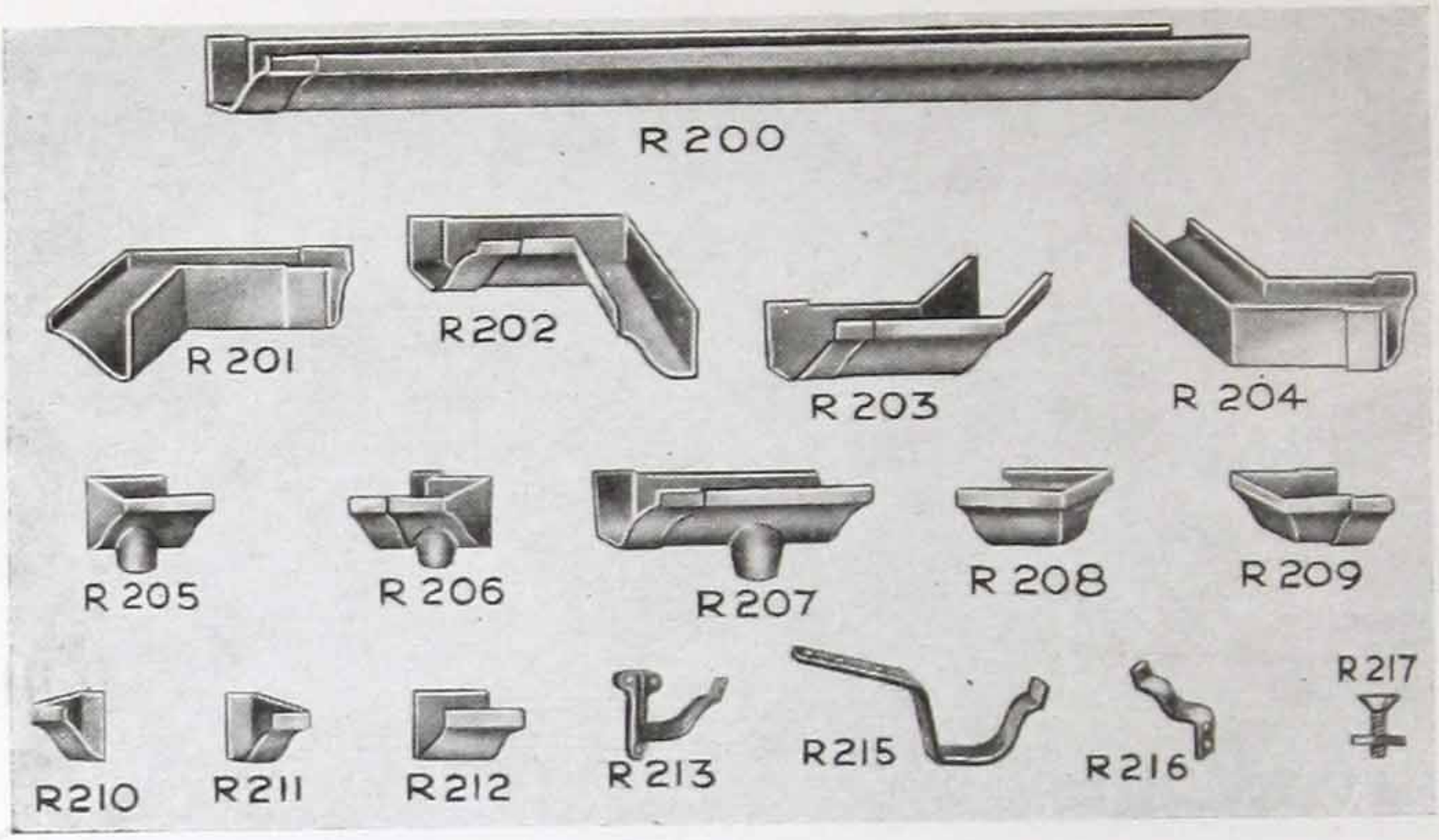
R 190 BEADED H.R. GUTTER, in 2, 3, 4 and 6-ft. lengths.

Sizes 3 3½ 4 4½ 5 6 in.

STANDARD LIST OF CONNECTIONS

R 191	Angles, Ordinary Pattern	R 195	Angles, D.B.M.S. Pattern ...
R 192	Nozzles, Ordinary Pattern ...	R 196	Nozzles, D.B.M.S. Pattern ...
R 193	Tee Pieces, Ordinary Pattern...	R 197	Tee Pieces, D.B.M.S. Pattern

PARAMOUNT
O.G. GUTTERS AND CONNECTIONS



R 200 O.G. GUTTER, in 6-ft. lengths. Short lengths as available at time of delivery.

Sizes 3 3½ 4 4½ 5 6 in.

STANDARD LIST OF CONNECTIONS.

R 201	Angle Square, External ...	R208/9	Return Stop Ends ... ...
R 202	Angle Square, Internal ...	R210/1	Stop Ends ... ...
R 203	Angle Obtuse 135° External ...		Drops, loose or cast on ...
R 204	Angle Obtuse 135° Internal ...	R 212	Union Clips ... ...
R 205	Stop Ends, with Drop Spigot end	R 213	Fascia Brackets, cast Light Weight per dozen not exceeding (lbs.) ... ...
R 206	Stop Ends, with Drop Faucet end	R 215	Gutter Brackets, to screw (W.I.)
R 207	Nozzle Pieces	R 216	Fascia Brackets ... ...
		R 217	Gutter Bolts and Nuts ...

R 218 LOOSE DROPS TO SCREW ON FLAT-BOTTOMED GUTTERS

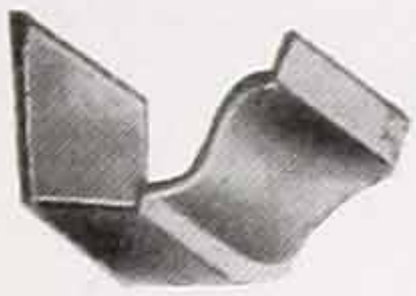
Sizes 2 2½ 3 3½ 4 4½ 5 6 in. dia.

"**PARAMOUNT**" *is our Registered Trade Mark.*

PARAMOUNT
PLAIN AND ORNAMENTAL GUTTERS

No. R 225

No. R 235
(Old No. 13)


No. R 236
(Old No. 14)

No. R 237
(Old No. 15)

No. R 238
(Old No. 16)

No. R 225 Deep H.R. Gutters, painted. Sizes : 4 × 3 4½ × 3 4½ × 3½ 5 × 4 in.
No. R 235 Notts. O.G. Gutter, painted. Sizes : 4, 4½, 5, 6 in.
No. R 236
No. R 237 } Sizes : 3½ × 2 4 × 3 4½ × 3½ 5 × 4 6 × 4 6 × 4½ 7 × 4 in.
No. R 238
Shorts up to 2 ft. as 1 yard. Over 2 ft. to 4 ft. as 1½ yards.
Over 4 ft. as 2 yards.

ORNAMENTAL GUTTER CONNECTIONS
THESE CAN BE SUPPLIED TO SUIT ANY GUTTER SHOWN IN CATALOGUE

No. R 250
External Angle

No. R 260
Union Clip

No. R 251
Internal Angle

No. R256
Return
Stop End.

No. R 258
Flat
Stop End

No. R 252
Projecting
Nozzle Piece

No. R 257
Return
Stop End

No. R 259
Flat
Stop End

No. R 254
Drop Cast
on Corner

No. R 255
Drop Cast
on Back

No. R 253
Nozzle Piece

Nozzles and Angles, Square and Obtuse, 135°, charged as 1 yard of Gutter.
Stop Ends, charged as one-third yard each.
Ornamental Stop Ends charged as half-yard each.

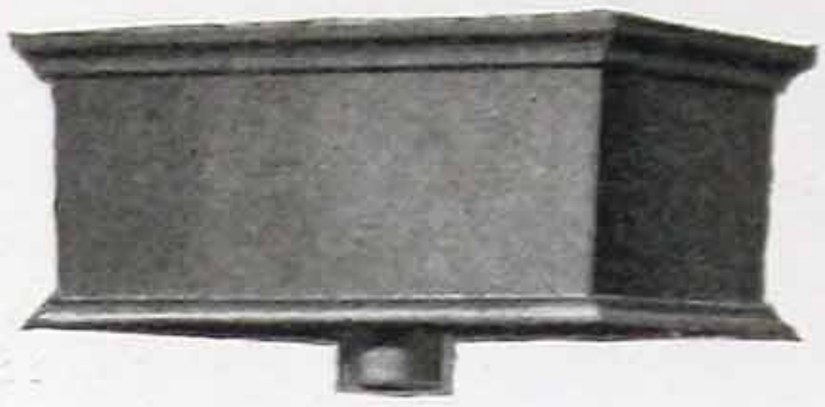
No. R 243

No. R 244

No. R 245

Sizes : 5 × 4 6 × 4 7 × 4 8 × 5 in.
No. R 243 Box Gutters, painted. Sizes 4 × 3 extra.
No. R 244 Valley Gutters, painted
No. R 245 Boundary Wall Gutters } Quotations against Specifications

PARAMOUNT RAIN WATER HEADS



No. R 834

No. R 835

No. R 830

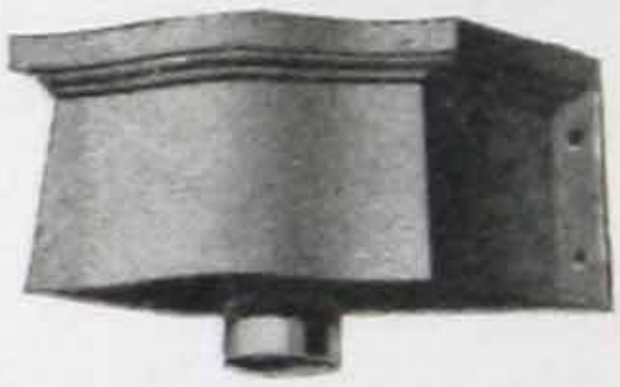
No. R 652

No. R 615

No. R 832

No. R 810

No. R 833



No. R 656

No. R 813

No. R 837

PARAMOUNT RAIN WATER HEADS

No.	Wide In.	Proj. In.	High In.	Outlet In.
				up to
R 834	14	7¾	7	6
	14½	7	6¼	5
	16	6	6	4
	18	6	6	4
	18	12	8	6
	20	7	7	5
	22	8	8	6
	25½	13½	12	6
	35	13½	12	6
				up to
R 830	10	7¼	10	4
	10¼	7¼	9¾	3×3
	12½	7¾	12	4×3
Angle	7¼	10¼	10	4
R 832	8¼	6	14½	3½
				up to
R 833	12	6¾	6	4
	13½	9	10	6
	14½	7	6½	5
	17½	9½	10	6
	20¼	9¼	10	6
	24	9	10	6
	31¾	9	10	6
				up to
R 813	12	6¾	6	6
	16¼	9	6	6

No.	Wide In.	Proj. In.	High In.	Outlet In.
				up to
R 385	18	7¼	6¼	4
R 615	9⅜	6⅛	7½	1½
	9⅜	6⅛	7½	2
	10¼	7¼	8	2½
	10½	7½	8	3
	12	8⅜	9¼	3½
	12	8¾	9¼	4
	13	9¾	10	5
	15	10¾	11	6
R 810	13½	8¾	12	5×4
Angle	9¾ sq.	13¾	12	4×4
				Up to
R 656	13	7	7¾	6
				up to
R 652	10	7¾	10	4
				Up to
R 837	12	5¾	5	3

Outlet :—Round, all sizes up to and including 4 in. Square or Rectangular, all sizes up to and including 4 × 4 in.

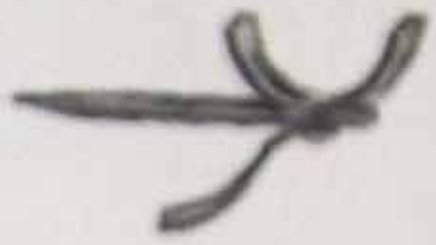
- The heights given are exclusive of drop. and widths exclusive of ears. Square or rectangular drops can be cast on rectangular heads to suit requirements.

PARAMOUNT
WROUGHT-IRON GUTTER BRACKETS

No. R 678
To screw.
3 in. to 5 in.
Black or
Galvd.

No. R 769
To screw to fascia.
3-in. to 5-in.
Black or Galdv.

No. R 770
To drive.



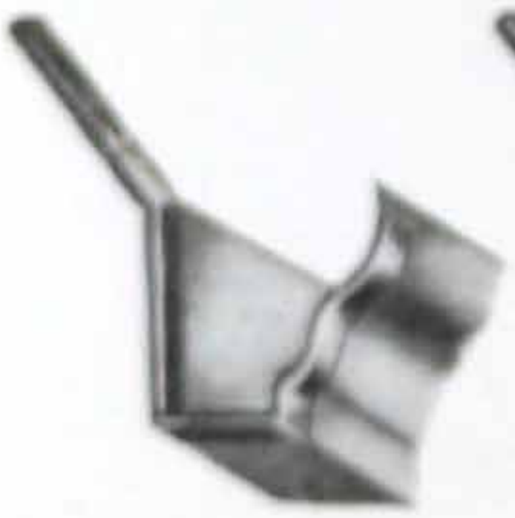
No. R 771
Spur,
with stay, to drive

No. R 775
Adjustable
To Drive.

No. R 778
For side fixing.
To screw to spar.

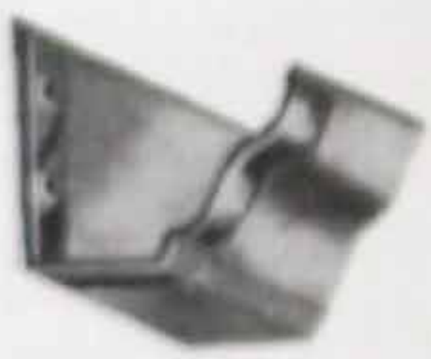
No. R 773
To screw to
spar.

No. R 779
For side fixing.
To screw to spar.

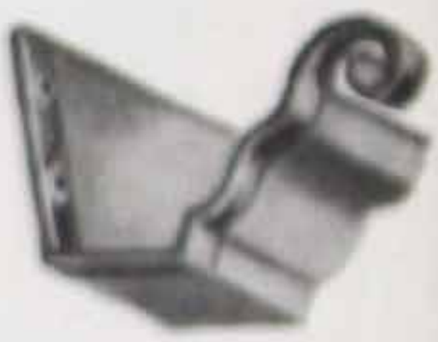


No. R 780

No. R 781



No. R 782



No. R 783

Made to suit all sizes and shapes of Gutters.

No. R 759
Steel
Pipe
Nails
2½ to 6 in.

No. R 761
Gutter
Screws
Galvanized.
1¼, 1½ in.

No. R 762
Gutter
Bolts
and Nuts
1, 1½ × ¼ in.

No. R 760
Wrought
Iron Pipe
Hooks
2 to 6 in.

No. R 764
Iron
Projecting
Bobbin

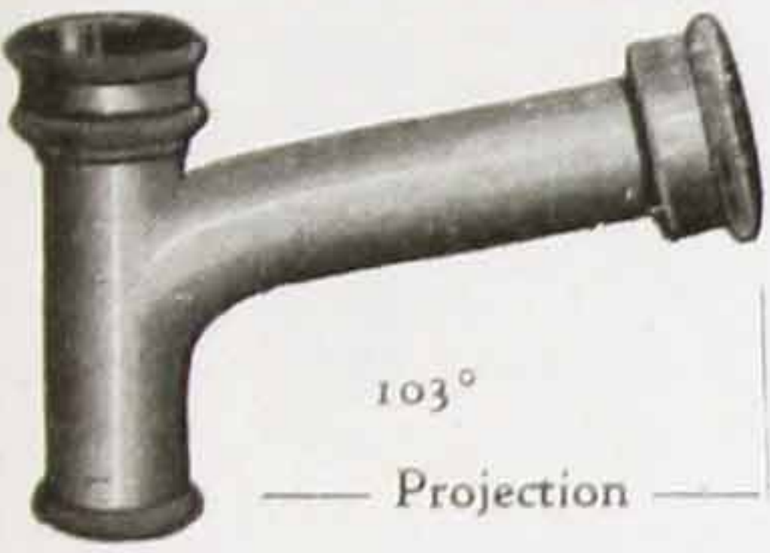
No. R 763
Wood
Projecting
Bobbin

1, 1¼, 1½, 2 in.

PARAMOUNT
CAST-IRON SANITARY CONNECTIONS

For 3½ and 4 in. Soil Pipes, L.C.C. and $\frac{3}{16}$ in. to take Earthenware Pipe.

Inside
Size 5¾ in.



R 435

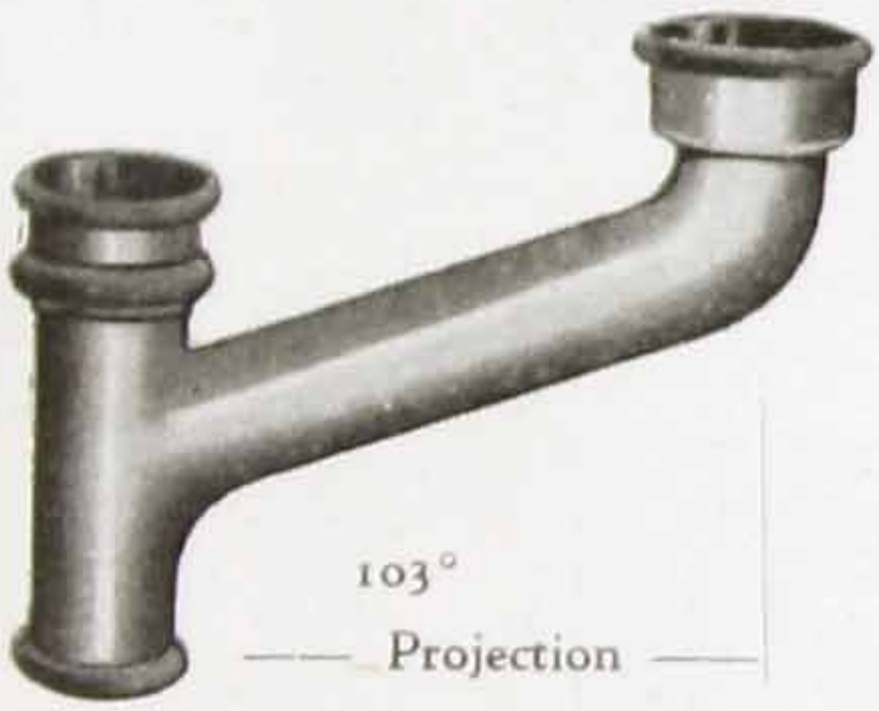
"P" TRAP BRANCH PIECE

Inside
Size 5¾ in.

R 437

CONNECTING PIPE

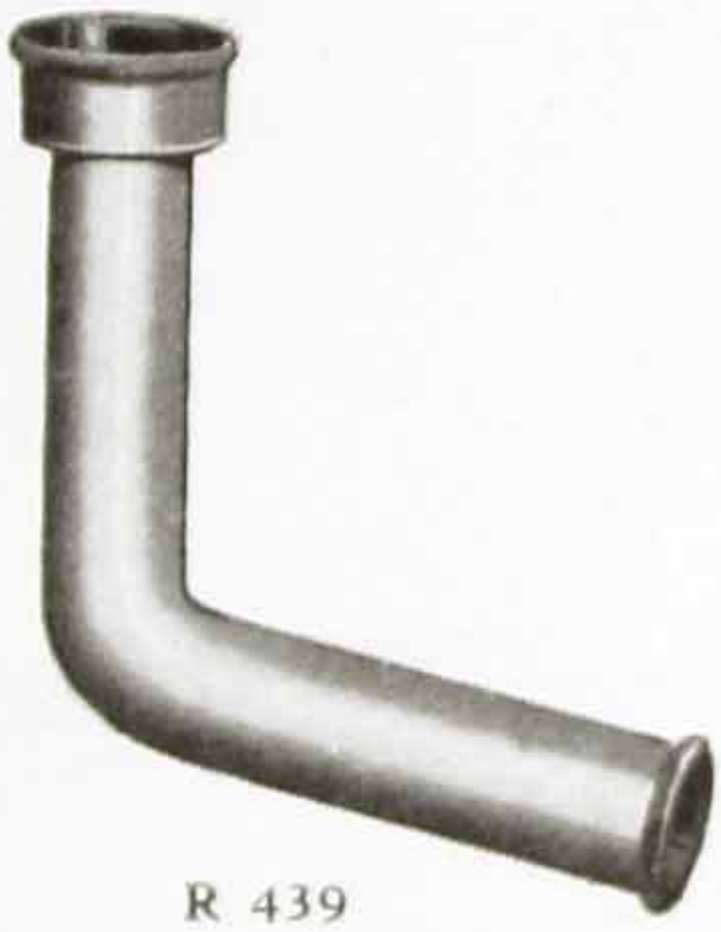
Inside
Size 5¾ in.



R 436

"S" TRAP BRANCH PIECE

Inside
Size 5¾ in.



R 439

LONG BEND

STANDARD SIZES

R 435	P Branch ...	6, 9, 12, 15, 17, 18, 21, 24 in. proj.
R 436	S Branch ...	
R 437	Connecting Pipe	

Extra for Anti-Siphon Branch, Cast on

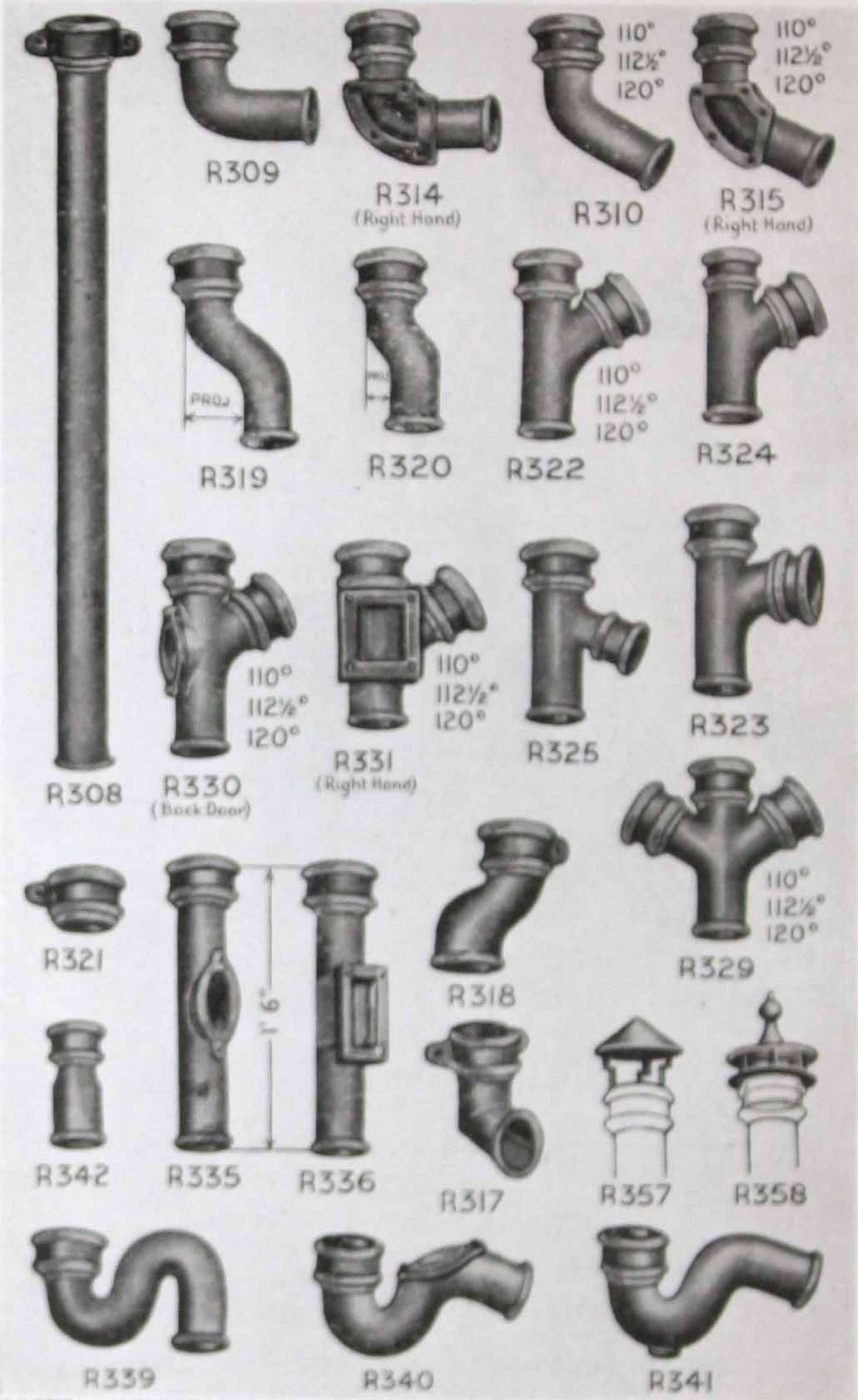
R 439 Long Bends (inside sizes) :—

10×10 12×12 14×14 15×15 16×16 16×14 17×17 20×20 22×22 in.

Stocked COATED. GALVANIZED, or GLASS-ENAMELLED to Order.

BAXENDALE & CO. LTD.

PARAMOUNT SOIL PIPES AND CONNECTIONS
L.C.C. $\frac{5}{32}$ and $\frac{1}{8}$-in. Metal



PRICES on APPLICATION for CAST IRON UNDERGROUND DRAIN PIPES

MILLER STREET · MANCHESTER

PARAMOUNT SOIL PIPES AND CONNECTIONS

L.C.C. $\frac{3}{16}$ and $\frac{1}{4}$-in. Metal

R 308 ROUND SOIL PIPES, in 2, 3, 4 and 6-ft. lengths.

Sizes 2 $2\frac{1}{2}$ 3 $3\frac{1}{2}$ 4 in.

STANDARD LIST OF CONNECTIONS

R 309	Bends, Square, Standard Angles
R 310	Bends, Obtuse, Standard Angles
R 314	Inspection Bends, Square, Raised Flanged Door and Four G.M. Bolts and Nuts
R 315	Inspection Bends, Obtuse, Raised Flanged Door and Four G.M. Bolts and Nuts
R 317	Shoes
R 318	Anti-Splash Shoes
R 319	Swan Necks, 3-in. Projection
	,, ,, $4\frac{1}{2}$-in. & 6-in. Proj.
	,, ,, 9-in. Projection
	,, ,, 12-in. Projection
	,, ,, 15-in. Projection
	,, ,, 18-in. Projection
	,, ,, 21-in. Projection
	,, ,, 24-in. Projection
R 320	Plinth Offsets 3-in. Projection
R 321	Loose Sockets
R 322	Single Branch Pieces, Two
R 323	Sockets T Pieces
R 324	,, ,, Diminishing, Two Sockets
R 325	,, ,, Inverted, Two Sockets
R 329	Double Branch Pieces, Three Sockets
R 330	Inspection Branch Pieces, Single Oval Access Door (Side or Back), Two G.M. Screws
R 331	Inspection Branch Pieces, Single Raised Flanged Door, Four G.M. Bolts and Nuts
R 335	Handhole Pipes, Oval Door
R 336	Handhole Pipes, Square Door
R 338	Siphon Traps
R 339	Siphon Traps
R 340	Siphon Trap with A Door G.M. Screws
R 341	Siphon Trap with Brass Screwed Plug
R 342	Diminishing Pieces, Large End
R 356	Bonnet Tops or Cowls, with Socket
R 357	,, ,, ,, without Sockets
R 358	Hunter's Cowls
R 359	Single Spigot Branch, cast on Pipe
R 360	Single Socket Branch, cast on Pipe

GENERAL EXTRAS TO ANY FITTING

Round Access Door, Three G.M. Screws
Brass Screwed Plug, 1-in. Gas

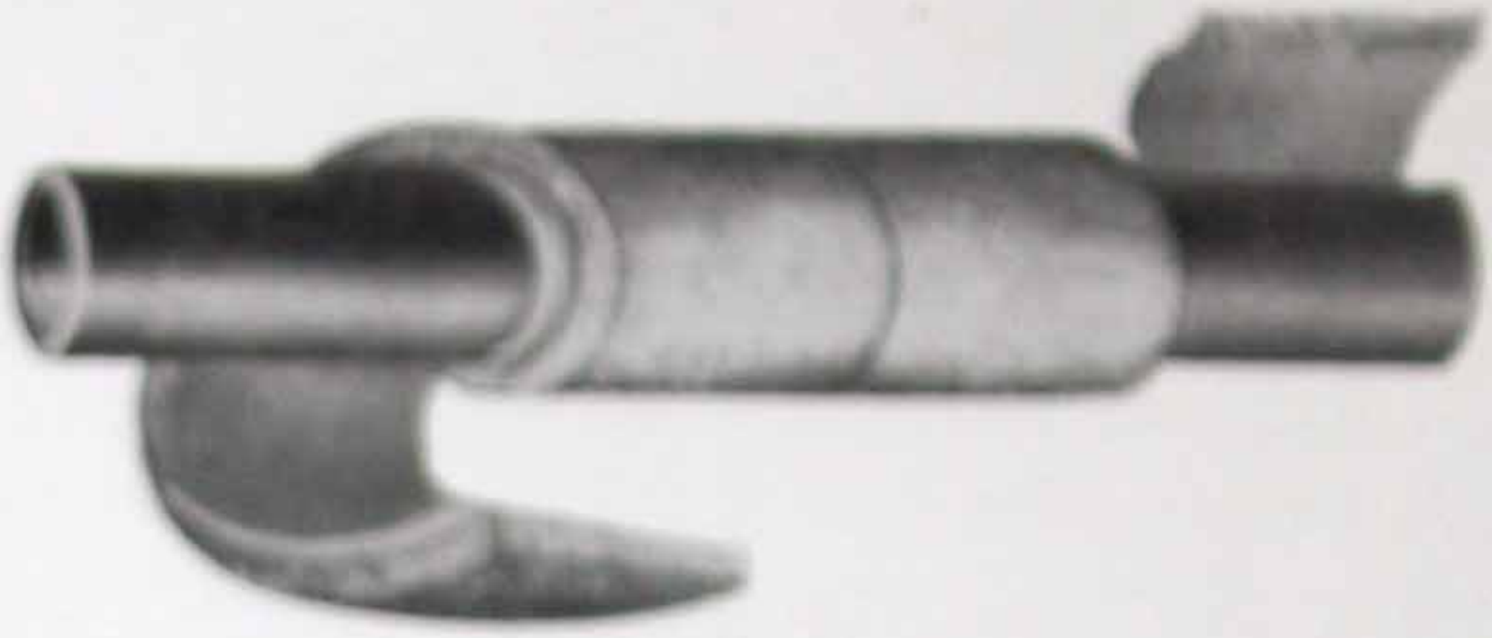
Stocked COATED. GALVANIZED or GLASS-ENAMELLED to Order.

PRICES on APPLICATION for CAST IRON UNDERGROUND DRAIN PIPES

BAXENDALE & CO. LTD.

HAIR FELT SHEETS AND DAMP COURSE

CANVAS-BACKED HAIR FELT



No. L 354

For Hot and Cold Water Pipes, Cylinders, Boilers, etc.

Supplied ready for use, has a margin of Canvas on one side, which laps over the edge of the preceding coil, thus making a complete join of very neat appearance.

In Rolls 24-ft. long × 4-in. or 6-in. wide.

Made in Thicknesses commencing at No. 1 to No. 3.

No. L 356. DRY HAIR FELT

(In long lengths.) In Rolls 20 yards long by one yard wide.

Made in Thicknesses commencing at No. 1 to No. 3.

No. L 357. DRY HAIR FELT

(In Sheets 34-in. × 20-in.)

For covering Boilers, Cylinders, Steam Pipes, etc.

No. ...	1	2	3	4	5	6	7
Cwt. per sheet ...	16	22	32	40	48	56	64
In Bales of ...	100	100	50	50	50	50	50 sheets

Prices on application.

Carriage paid on 5 Bales.

DAMP COURSE

"BEANCO" PURE BITUMEN DAMP COURSE, 1st GRADE

In rolls of 24 lineal feet.

18 9 12 15 18 24 inches wide.

"COBENA" PURE BITUMEN DAMP COURSE

In rolls of 24 lineal feet.

18 9 12 15 18 24 inches wide.

The great remedy for Damp Walls is BETEX, *see page 347.*

MILLER STREET · MANCHESTER

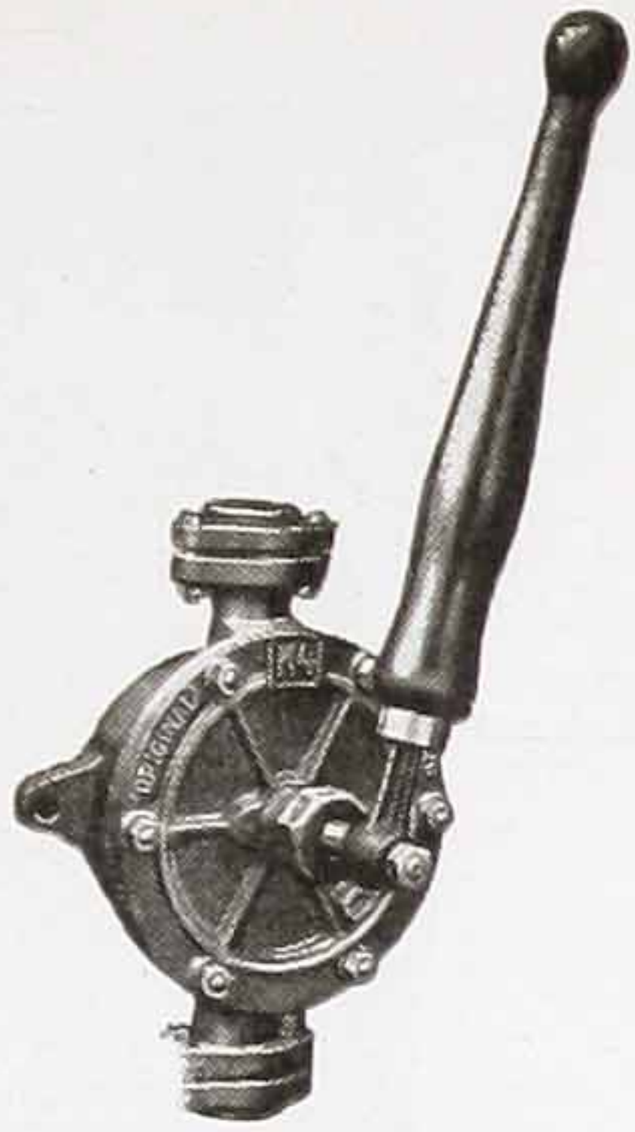
SEMI-ROTARY WING PUMPS

Maximum suction lift with a sound foot valve, 20 ft.

B 2750—Double Acting, iron, brass fitted, steel spindle.
B 2751—Double Acting, brass, steel spindle.
B 2748—Double Acting, gun metal, steel spindle.
B 2747—Double Acting, all iron, steel spindle. For destructive fluids.
B 2752—Quadruple Acting, iron, brass fitted, steel spindle.
B 2753—Quadruple Acting, brass, steel spindle.
B 2749—Quadruple Acting, gun-metal, steel spindle.

Unless the Suction Pipe is fitted with a Foot Valve we cannot be responsible for the satisfactory working of Semi-Rotary Pumps.

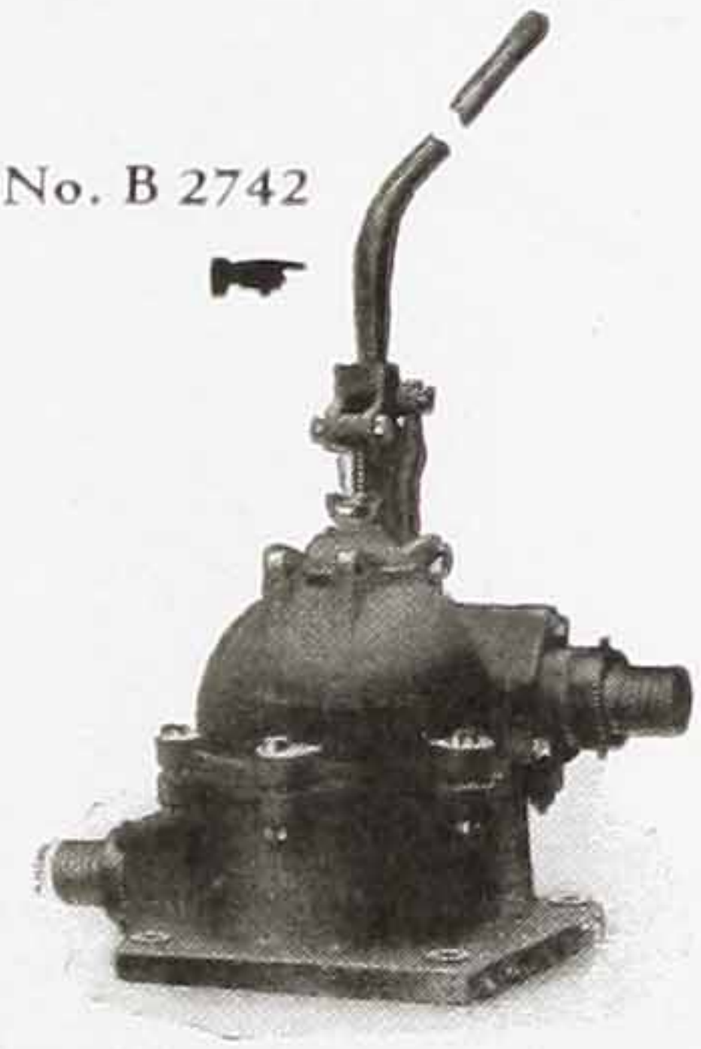
Capacities per hour given are approximate only, and calculated with a 3 ft. Suction and Delivery.



Size No. ..	0	1	2	3	4	5	6	7	8	
Diam. of suction and delivery ..	½	¾	1	1¼	1¼	1½	1½	2	2	in.
Cap. per hour, double acting	240	420	450	570	870	960	1,320	1,560	2,310	galls.
Cap. per hour, quadruple acting	—	495	615	930	1,200	1,440	1,860	2,100	2,760	,,

No. B 2741

No. B 2742



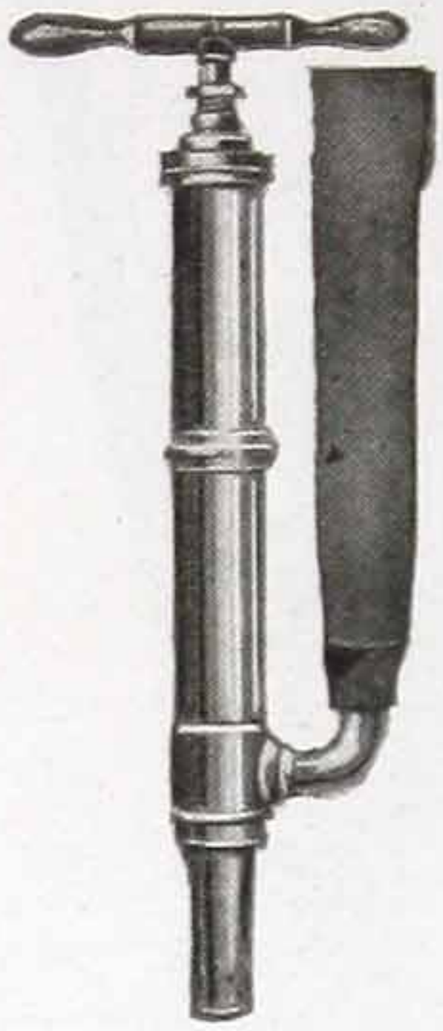
HAND DIAPHRAGM PUMPS

B 2741.—Cast-iron painted Diaphragm Lift Pump, with side inlet screwed for tube.
B 2742.—Cast-iron painted Diaphragm Lift and Force Pump, with brass unions, one handle

Dia. of Suction Pipe or Hose for B 2741	2	2½	3	4	in.
Dia. of Suction and Delivery Pipes or Hose for B 2742	2	2½	3	—	,,

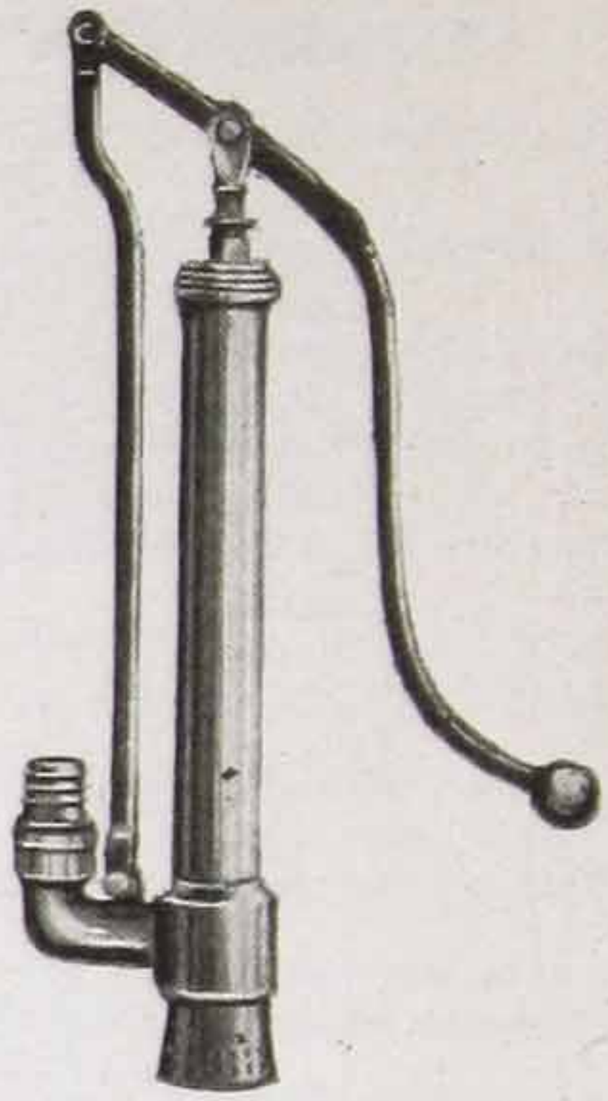
Fittings for Above

Brass half-hose unions for Fig. B 2741 and 2½ in. and 3 in. size Fig. B 2742 Pumps.
Brass iron to hose unions for 2 in. size Fig. B 2742 pumps.
3 or 4 ply internal spiral wired suction hose. 3 or 4 ply delivery hose.
Wrought iron clips for securing hose to unions.
Cast-iron footvalve and strainer with shank ribbed for hose.
Cast-iron footvalve and strainer screwed for tube.



No. B 4600

No. B 4602



No. B 4601

PLUMBERS' BRASS FORCE PUMPS

No. B 4600. With Stuffing Box and Tail Pipe ; 1¼ in. hose connection. Extra for leather hose, as illustrated.

No. B 4601. With Iron handle and 1¼ in. hose connection.

No. B 4602. With Brass Plunger.

No. B 2761

HYDRAULIC TEST PUMPS

For Pressures up to 1,050 lb. per sq. inch.

Suitable for Proving Boilers, Cisterns, Pipes, Cocks, Castings, etc.

The pump is single acting and is mounted upon a wrought iron tank. It is fitted with pressure gauge and shut off and release valves, by means of which the apparatus being tested may be kept under pressure and the return flow of liquid to the tank may be controlled. The outlet of the pump is screwed 1 in. gas thread, and is fitted with a cap and liner to take ¾ in. hose, the hose being secured by Jubilee hose clips.

No. 1 Size. Is for pressures up to 750 lbs. per sq. in. with 1 3/16 in. dia. ram. The pump body is of special iron suitable for high pressures, the plunger is of bronze, the valves and seatings are of gunmetal, the handle is of wrought iron and a pressure gauge is supplied, also a short length of steel suction pipe.

No. 2 Size. Is for pressures up to 1,050 lbs. per sq. in. with 1 in. dia. ram and pump body of high pressure gunmetal.

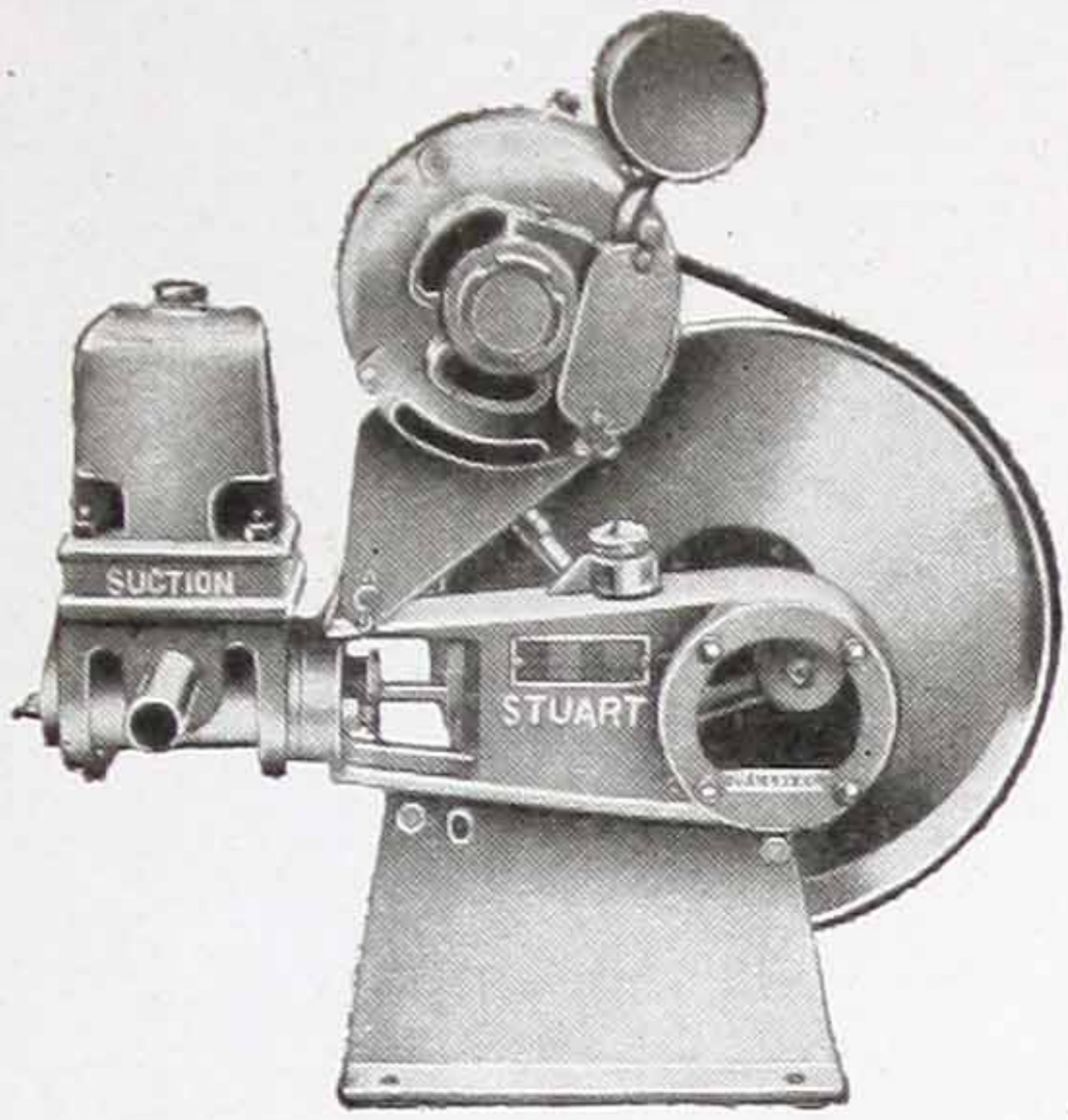
A standard 6 ft. length of ¾ in. best rubber armoured delivery hose, with brass outlet connection screwed for ¾ in. gas, can be supplied at an extra price.

If required, a galvanized tank can be supplied instead of the wrought iron one included, at an extra cost.

STUART PISTON PUMP

No. B 2746

with ¼ h.p. A/C. motor, capacity 240 g.p.h. working at 70 ft. head.



SPECIFICATION

This pump is capable of delivering to a height of 175 feet including pipe friction and suction lift not exceeding 25 feet.

Bore and Stroke : 1½ in. × 1⅝ in.

Speed : 240 r.p.m.

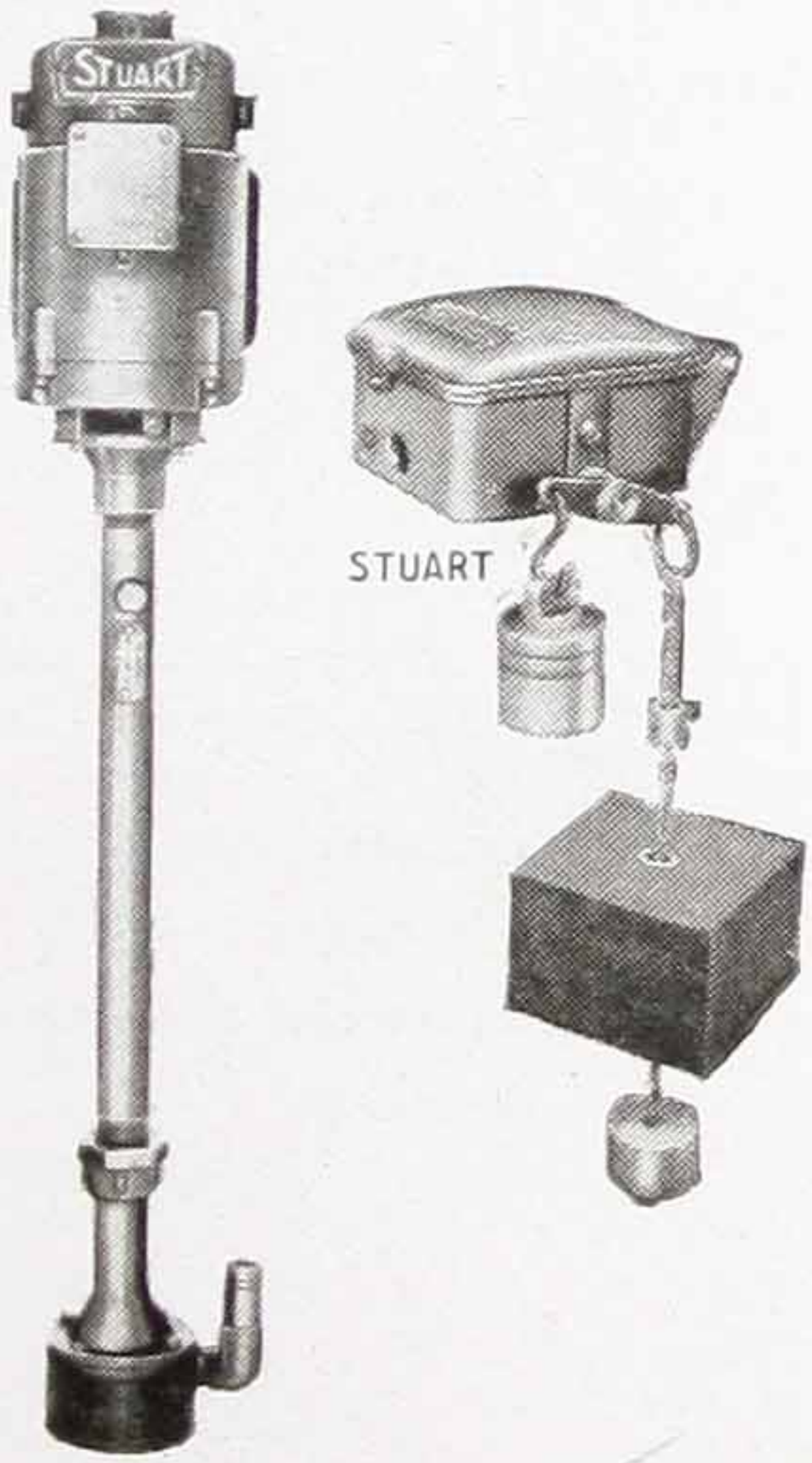
Pump Barrel cast-iron with renewable brass liner. Main Bearings of ball type well spaced and conservatively loaded.

Electric Motor runs at 1,425 r.p.m.

Suitable Footvalve and Strainer Extra.

No. B 6290 ELECTRIC SUMP PUMP

With automatic float switch for cellar and bilge pumping.



SPECIFICATION

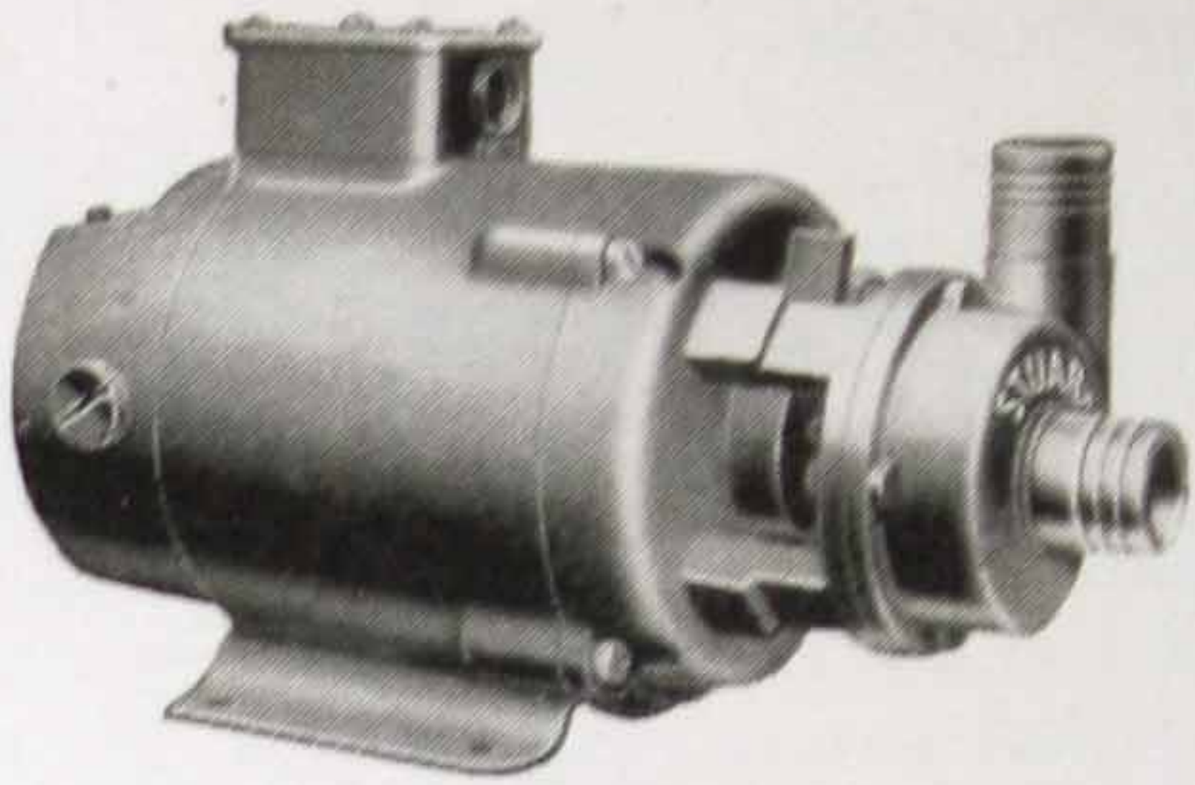
The pump is electrically-driven and runs on ball bearings ; supplied for any standard A.C. single phase or D.C. voltage from 12 v. upwards. The pump is rigidly suspended from the motor by a brass tube which encases the spindle driving the rotor. The entrance of the spindle into the pump casing is sealed by a patent pump gland. Impeller and underwater parts are all made of non-rusting material. A cylindrical water strainer surrounds the orifice of the pump with delivery outlet for ¾ in. hose.

Delivery in g.p.h. when pumping to height of :

5 ft.	10 ft.	15 ft.	20 ft.
320	260	220	160 g.p.h.

Extras :

Automatic Float Switch—
Single or Double pole
D.C. Float Switch.



CENTRIFUGAL PUMP

No. B 2765

Suitable for Fountains, Science Laboratories, Advertising Displays, Water Supply on Yachts and all purposes where a constant flow of liquid at low cost is required.

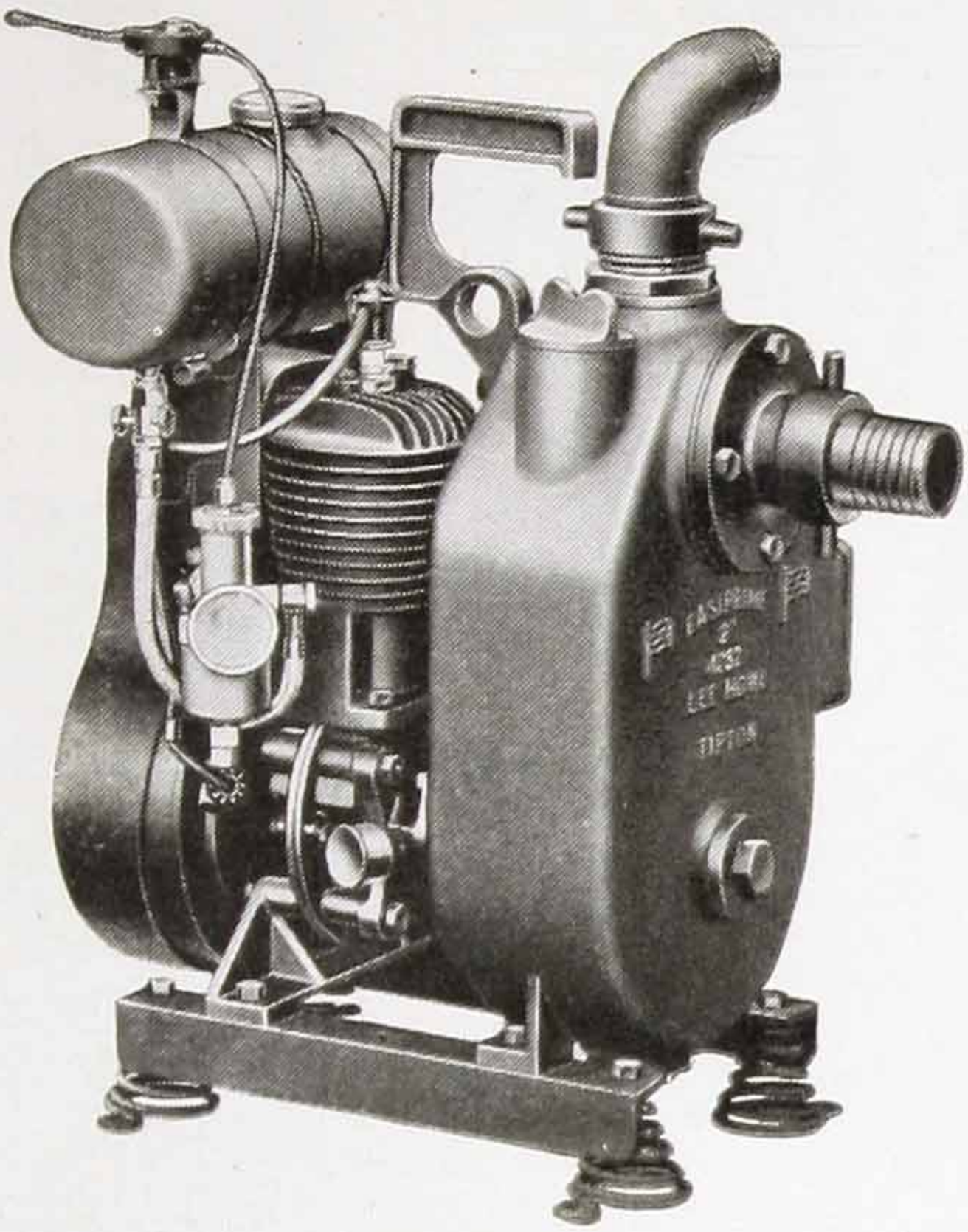
SPECIFICATION

Ball-bearing series wound motor. The impeller on the extended motor spindle is the shrouded type, and there is no end thrust. Speed 4,000 r.p.m. Connections are for rubber hose—this provides easy means of connection—screwed connections would involve too great a strain on a small pump. Pump outlet may be vertical or horizontal. Water Seal :—The Stuart Pump Gland. Lubrication :—The ball-bearings of the motor are packed with grease.

Pattern No.	10	12
Size of Connections...	$\frac{5}{8}$	1 in.
Overall Length	$8\frac{1}{4}$	$10\frac{1}{2}$ in.
Width between bolt holes C to C ...	3	4 in.
Overall Height	5	$5\frac{3}{4}$ in.

Footvalve and Strainer Extra.

Full Directions sent out with every pump.



No. AG 4252E. 1½ in. Size.
With 80 c.c. J.A.P. Two-stroke Petrol Engine.

No. AG 4252E
'EASIPRIME' SELF-PRIMING PETROL DRIVEN CENTRIFUGAL PUMPS

These handy light-weight pumps have been specially designed for contractors' work where portability is essential. They can also be used extensively for agricultural purposes, including the pumping of liquid manure and will pass solids up to 3 in. in diameter.

The pump will readily self-prime from any lift up to 25-feet providing the casing is full of water when starting up.

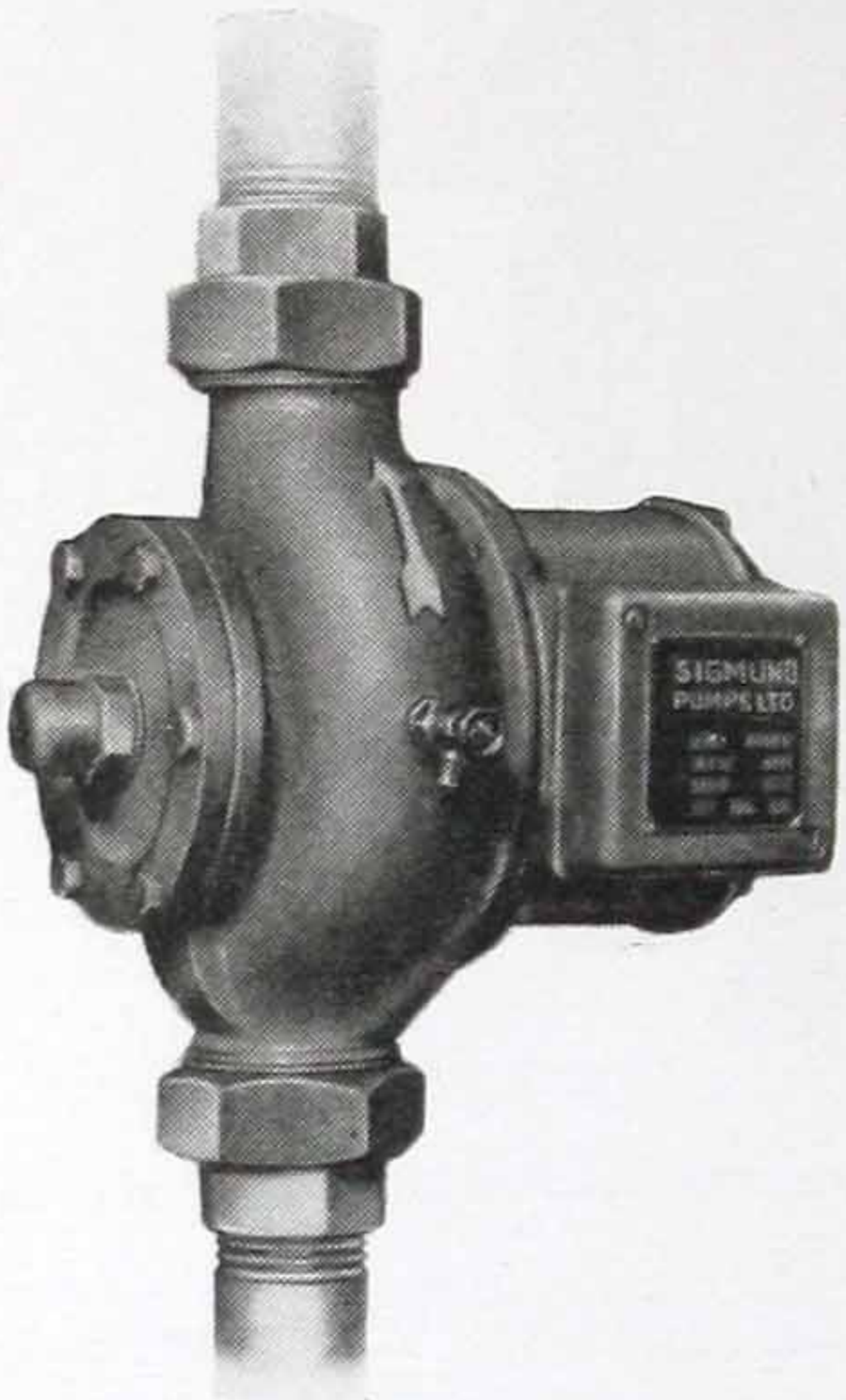
A rubber flap valve prevents the water in the casing from siphoning down the suction hose. The pump casing is made of aluminium and is mounted on a corresponding spigot on the engine to ensure perfect alignment. The impeller is made of gunmetal and is of the single inlet, open vaned type suitable for dealing with dirty or silty water without undue wear.

No footvalve is necessary but a strainer is recommended and is included. The pump is mounted on four resilient springs, therefore making a strictly level foundation unnecessary.

Size and Description	Weight
1½ in. size with 80 c.c. J.A.P. Two-stroke Petrol Engine	63 lb.
1½ in. size with 98 c.c. J.A.P. Four-stroke Petrol or Paraffin Engine	72 lb.
2 in. size with 147 c.c. Villiers Two-stroke Petrol Engine	79 lb.
2 in. size with 208 c.c. Villiers Four-stroke Petrol or Paraffin Engine	107 lb.
3 in. size with 256 c.c. Villiers Four-stroke Petrol Engine	156 lb.
3 in. size with 256 c.c. Villiers Four-stroke Paraffin Engine	150 lb.

BAXENDALE & CO. LTD.

SIGMUND ThermoPak



No. B 2767
THERMOPAK

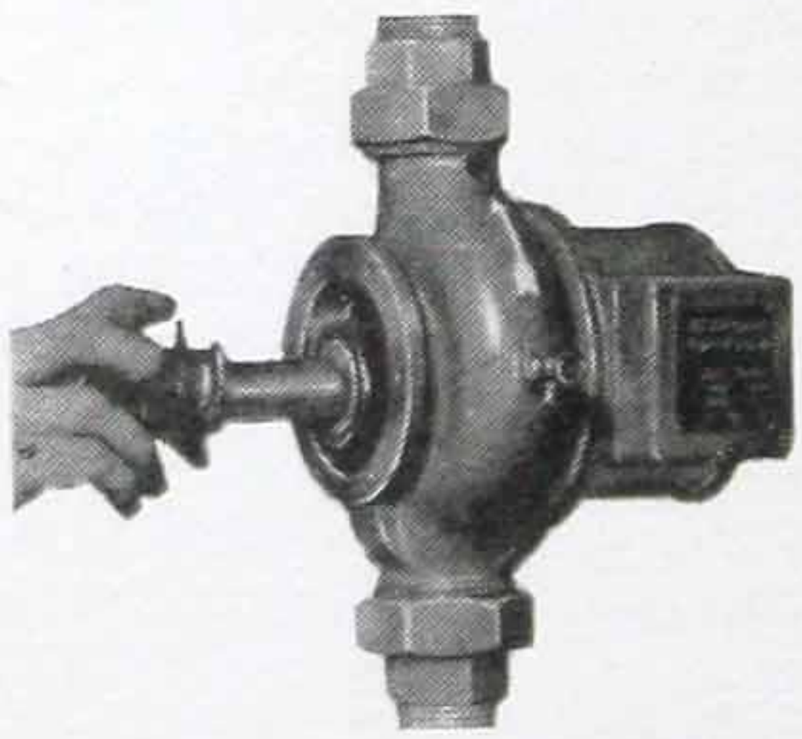
1 in. to 4 in. branch diameter.

This central heating accelerator offers a new standard of efficiency and reliability. It is of precision construction, glandless, super-silent, and designed to fit inexpensively into a pipe layout.

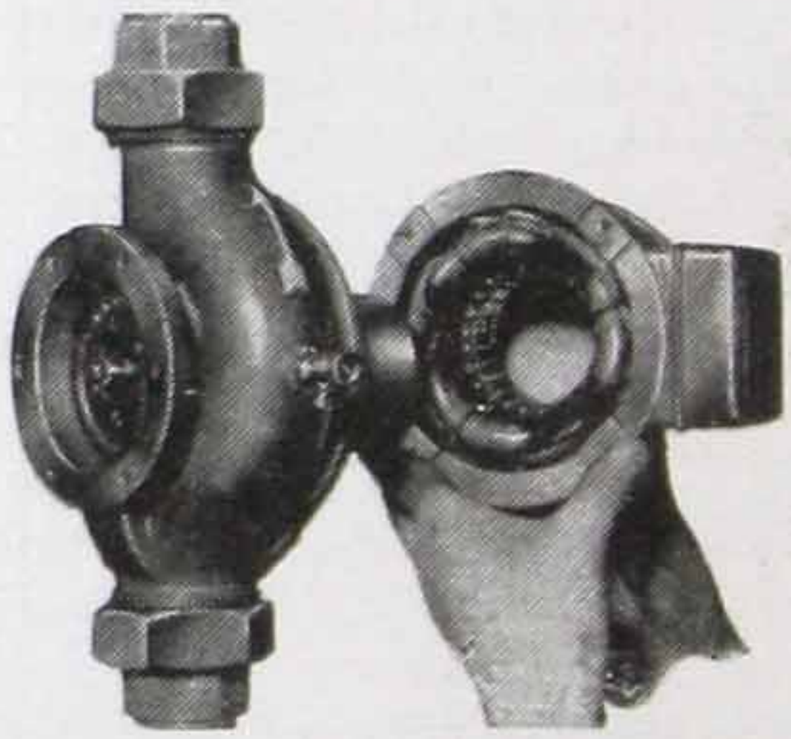
Special features are Low Running Cost, Low Installation Cost, Low Resistance, Simple Mechanism. No Supports Required ; Water Lubricated, Trouble-free Heat Distribution, Direct Mounting, and No Maintenance.

Type	Pipe Connection	Branches BSP	
		Inlet	Outlet
		in.	in.
CR1	Screwed	1	1
CR2	Screwed	1¼	1¼
CR3	Flanged	1½	1½
CR4	Flanged	2	2
CA1	Screwed	1¼	1¼
CA2	Flanged	2	2
CA3	Flanged	2½	2½
CA4	Flanged	3	3

We can quote for Accelerators of any size and type against specifications.
Descriptive Booklets sent on request.



Complete rotating element can be quickly withdrawn.



Electrical unit easily accessible.

MILLER STREET · MANCHESTER

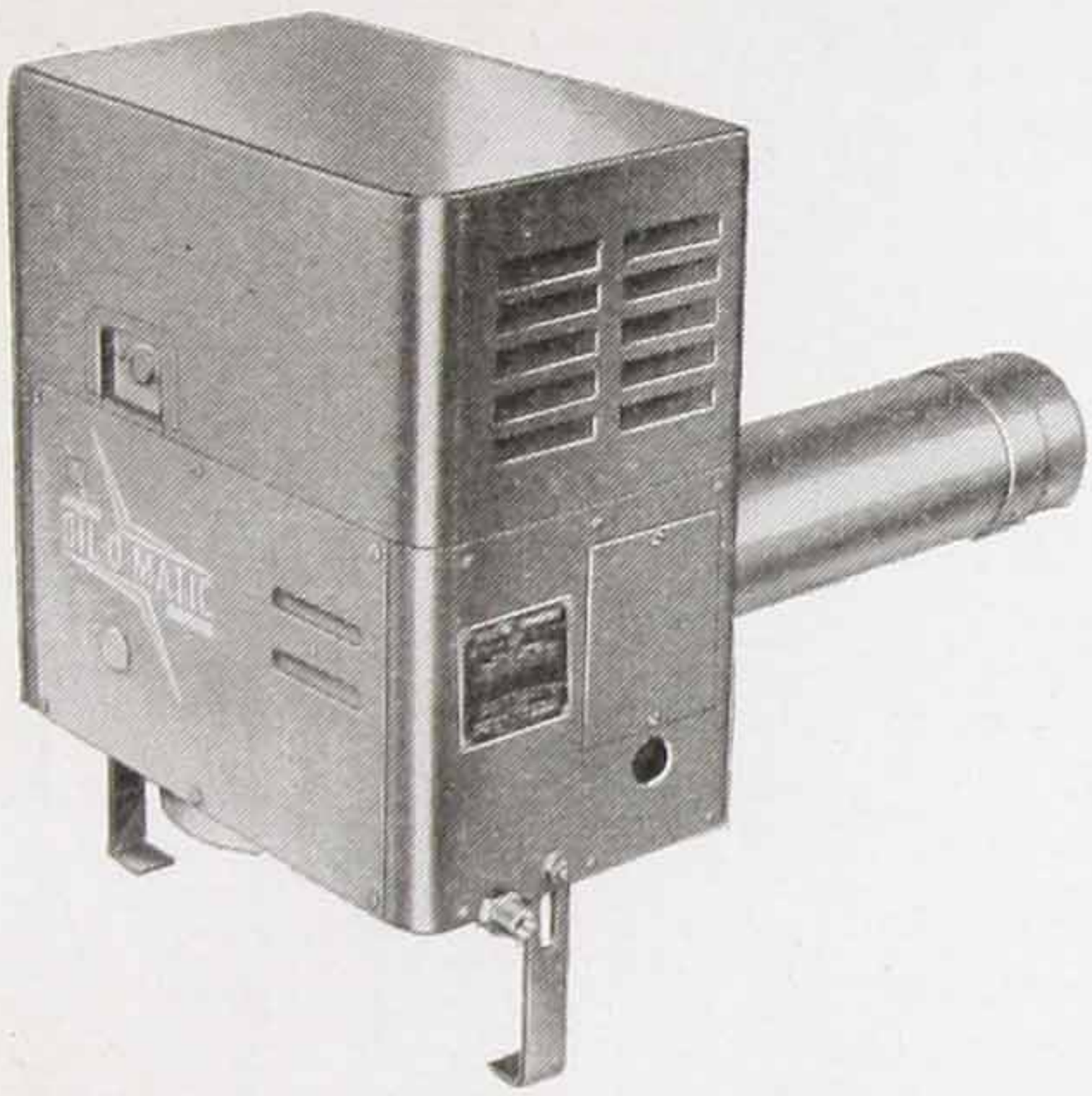
BAXENDALE & CO. LTD.

LUCAS

OIL-O-MATIC

Low pressure burner

For Central Heating Boilers

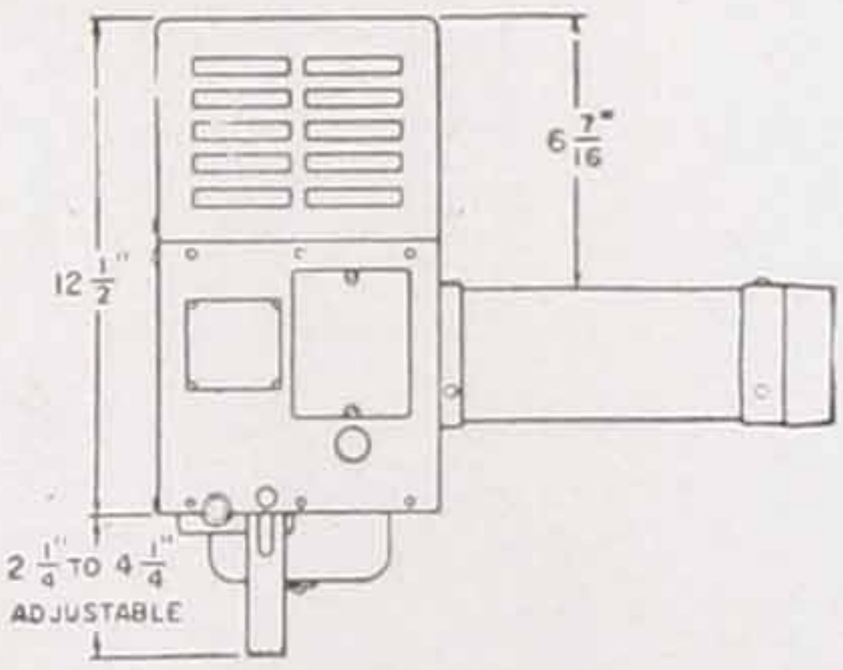


A compact low pressure unit using domestic fuel oil, designed for use with boilers requiring a burner with a maximum heat output up to 205,700 B.T.U. per hour.

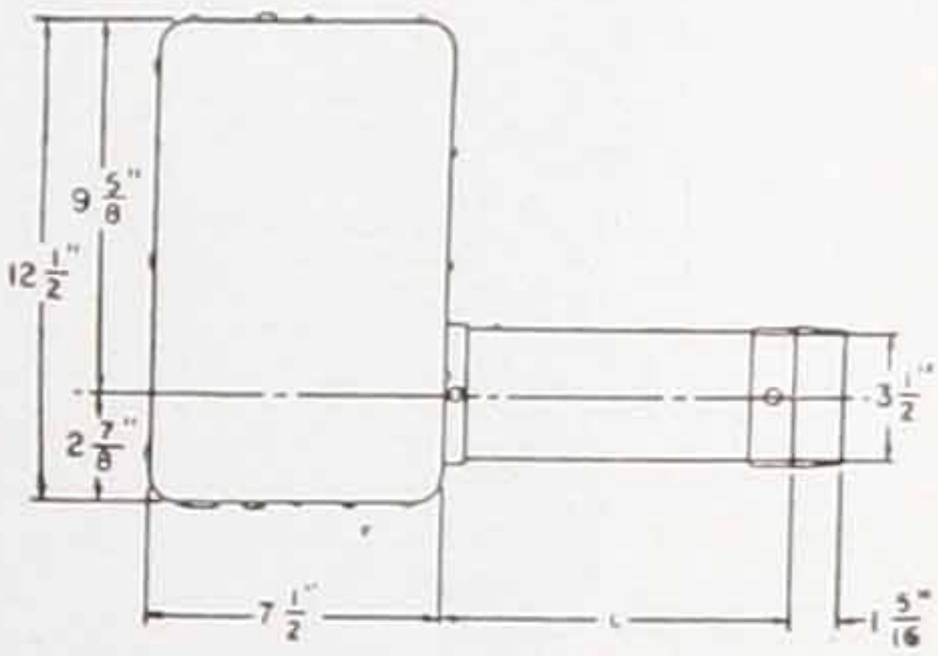
It is simple, quiet, and automatic in operation : designed to eliminate service and maintenance work because the unit is automatically lubricated and employs a burner of the self-cleaning type.

This unit comprises essentially an air pump and fan driven by an electric motor, oil-container, oil supply valve, oil-burner nozzle, and automatic auxiliary and air controls.

When the unit is switched off, air pressure in the container is dissipated through the pressure regulator, air pump, and air line to the nozzle to provide a clean shut-off, any oil in the nozzle or airline on shut-down being siphoned back to the container : this eliminates oil carbonization in the nozzle by reflected heat from the combustion chamber after shut-down.



SIDE VIEW



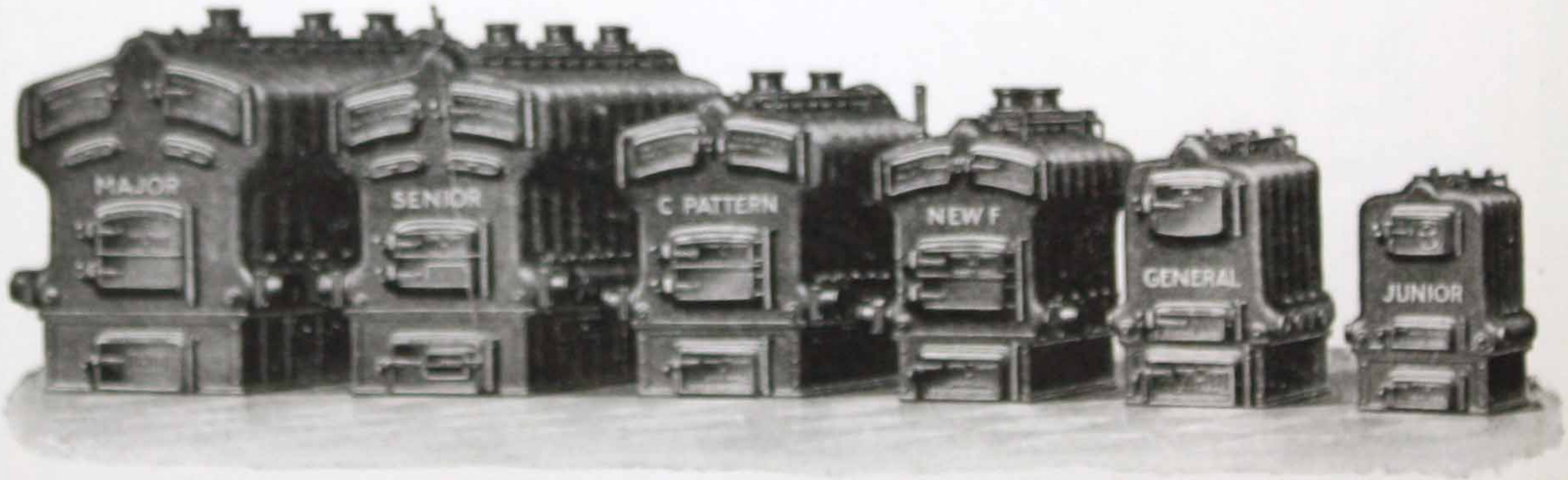
PLAN VIEW

FURTHER DETAILS AND ILLUSTRATIONS WILL BE SENT ON REQUEST.

LIVERPOOL · EDINBURGH · DUBLIN

BEESTON ROBIN HOOD SECTIONAL BOILERS

(For capacities, etc., see next page.)



Major. **Senior.** **C Pattern.** **New F Pattern.** **General.** **Junior.**

General and Junior Boilers can be supplied with Horticultural Pattern Doors.

We do not recommend boilers to be worked to their full capacity; a size larger than actually required should always be provided.

When Robin Hood Boilers are supplied for Oil Fuel or Automatic Stoker, without fire bars, an allowance is made for omission of bars.

ROBIN HOOD SECTIONAL BOILERS

Ratings

No. of Sections	JUNIOR Rating sq. ft.	GENERAL Rating sq. ft.	MONA Rating sq. ft.	NEW F PATTERN Rating sq. ft.
3	350	—	—	—
4	465	765	—	—
5	585	940	880	1,295
6	675	1,105	1,080	1,550
7	815	1,315	1,275	1,805
8	940	1,490	1,470	2,065
9	—	1,700	1,665	2,320
10	—	1,870	1,865	2,575
11	—	—	—	2,830
12	—	—	—	3,090

No. of Sections	C PATTERN Rating sq. ft.	SENIOR Rating sq. ft.	MAJOR Rating sq. ft.
5	1,685	—	—
6	2,025	3,060	4,205
7	2,365	3,600	4,950
8	2,705	4,150	5,695
9	3,045	4,700	6,440
10	3,390	5,240	7,175
11	3,730	5,800	7,980
12	4,070	6,330	8,665
13	4,410	6,900	9,405
14	4,750	7,420	10,150
15	—	—	10,900
16	—	—	11,635

The Mona Robin Hood Boiler has the smoke flue at the front.

Nos. 3B and 4B Juniors and Nos 4H and 5H Generals can be supplied with front smoke flue, if specially ordered.

The following Boilers are for Oil Fuel or Automatic Stoker and are not recommended for hand firing: Nos. 11 and 12FN; Nos. 13 and 14CN; Nos. 13 and 14N Senior and Nos. 13 to 16MN Major.

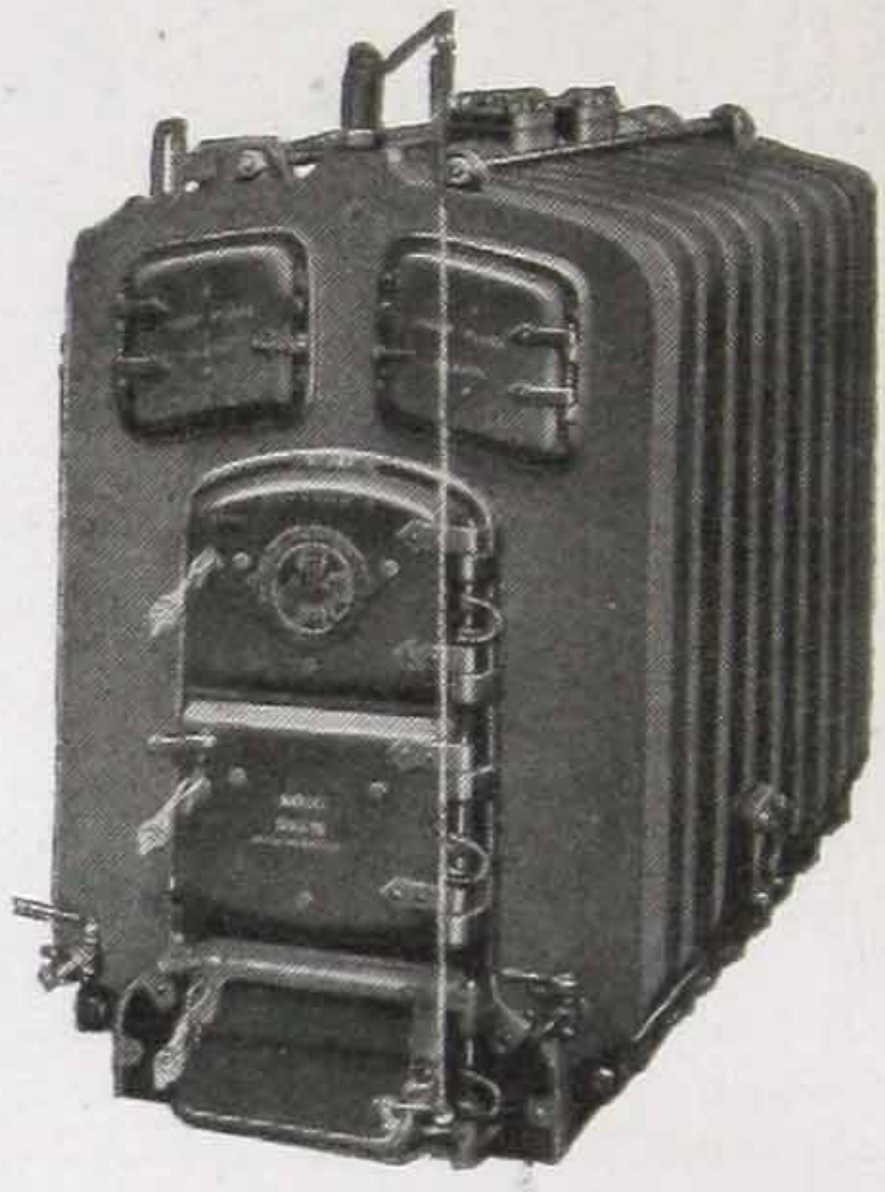
BAXENDALE & CO. LTD.

IDEAL BRITANNIA BOILERS

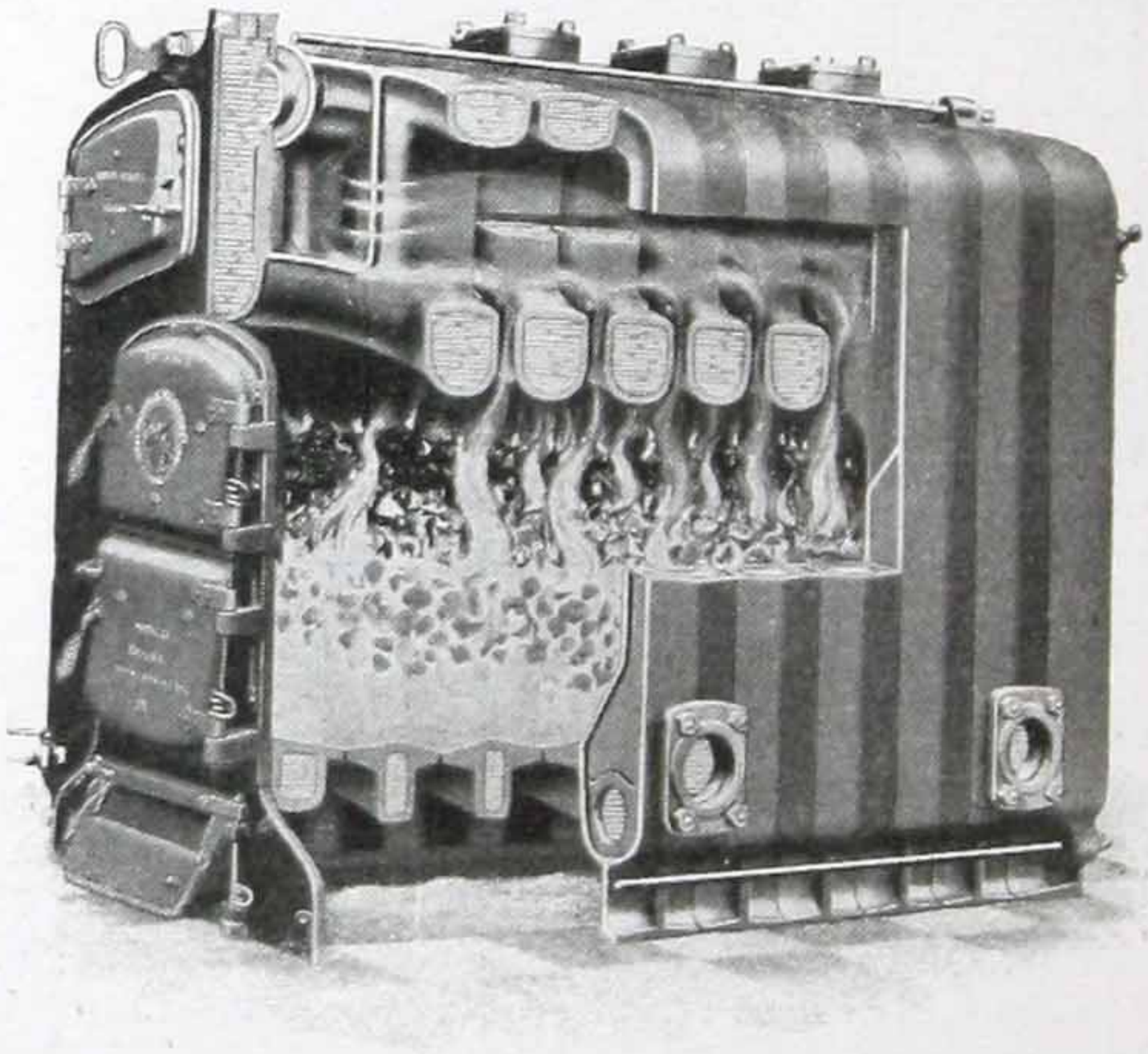
For Water—Hand-Firing

No. 2, with Jacket.
With Damper Regulator.

Details on next page.



No. 3, without Jacket.
With Damper Regulator.



No. 4.
Cut view.

MILLER STREET · MANCHESTER

IDEAL BRITANNIA BOILERS

For Water, Hand-Firing

No.	Ratings		Dimensions in			Flow and †Return Connections in.
	Direct Radiation sq. ft.	Lineal feet of 4 in. Pipe	Height to top of Flow Outlet	Width face to face of returns	Length	
24K	995	860	$50\frac{1}{8}$	$34\frac{7}{8}$	$23\frac{1}{8}$	2–4
25K	1,250	1,080			$29\frac{1}{8}$	2–4
26K	1,505	1,300			$35\frac{1}{8}$	2–4
27K	1,760	1,520			$41\frac{1}{8}$	3–4
28K	2,015	1,740			$47\frac{1}{8}$	3–4
29K	2,270	1,960			$53\frac{1}{8}$	3–4
35K	1,950	1,695	$58\frac{13}{16}$	44	$34\frac{3}{16}$	2–4
36K	2,365	2,050			$41\frac{3}{16}$	2–4
37K	2,780	2,405			$48\frac{3}{16}$	2–4
38K	3,195	2,760			$55\frac{3}{16}$	3–4
39K	3,610	3,115			$62\frac{3}{16}$	3–4
310K	4,025	3,470			$69\frac{3}{16}$	3–4
311K	4,440	3,825			$76\frac{3}{16}$	3–4
47K	3,905	3,370	$67\frac{7}{8}$	$54\frac{1}{2}$	$48\frac{3}{16}$	2–4
48K	4,485	3,875			$55\frac{3}{16}$	2–4
49K	5,065	4,380			$62\frac{3}{16}$	3–4
410K	5,645	4,885			$69\frac{3}{16}$	3–4
411K	6,225	5,390			$76\frac{3}{16}$	4–4
412K	6,805	5,895			$83\frac{3}{16}$	4–4
413K	7,385	6,400			$90\frac{3}{16}$	4–4
414K	7,965	6,905			$97\frac{3}{16}$	4–4

Insulating Galvanised Steel Jackets are available as an extra, when ordering, state position of connections.

Jacket and doors can be supplied in vitreous enamel finish ; prices on application.

Jacket can be fitted after pipe connections have been made.

† No. 2 Britannia.—On special order, two 3-in. flanged return connections on face of back section can be provided. Distance from floor to centre $8\frac{7}{16}$ in. ; centre to centre, $24\frac{5}{8}$ in.

No. 3 Britannia.—5-in. flanged flow and return connections can be supplied in place of the above. Two 4-in. flanged return connections on face of back section can be provided. Distance from floor to centre, $9\frac{3}{8}$ in. ; centre to centre, 33 in.

No. 4 Britannia.—5-in. and 6-in. flanged flow and return connections can be supplied in place of above. For 6-in. connections an adapter is used, increasing height or width of boiler, 4 in.

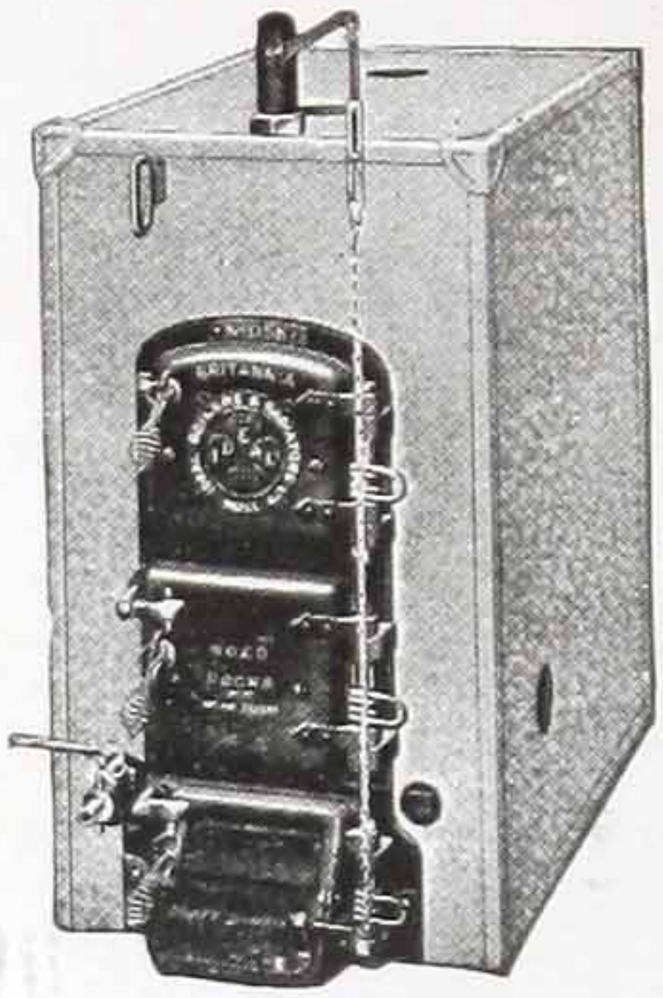
Two 4-in. flanged return connections on face of back section can be provided. Height from floor to centre, $9\frac{7}{8}$ in. ; centre to centre, $43\frac{1}{4}$ in.

Stoking Tools and Draw-off Cocks extra.

Diameter of Socket Smoke Outlet.—Nos. 24–29K, 8 in. ; Nos. 35–38K, 10 in. Nos. 39–311K, 12 in. ; Nos. 47–411K, 12 in. ; Nos. 412–414K, 14 in.

IDEAL BRITANNIA BOILER

For Water, Hand-Firing.



No. o–K, with Insulating Jacket.
With Damper Regulator.

No. o–KF, with Front Smokehood
Without Jacket.

Details on next page

No. 1–K, with Insulating Jacket.
With Damper Regulator.

No. 1–KF, with Front Smokehood.
Without Jacket.

IDEAL BRITANNIA BOILER

For Water, Hand-Firing

No.	Heating Surface sq. ft.	Ratings		
		B.T.U. per hour	Direct Radiation sq. ft.	Lineal Feet of 4 in. Pipe
03K	9·0	40,000	245	215
04K	11·5	51,000	315	275
05K	14·0	62,000	385	335
06K	16·5	73,000	455	395
07K	19·0	84,000	525	455
14K	21·0	93,000	580	500
15K	26·5	117,000	730	630
16K	32·0	141,000	880	760
17K	37·5	165,000	1,030	890
18K	43·0	189,000	1,180	1,020

No.	No. of Sections	Height to top of Flow Outlet in.	Width of Boiler in.	Depth of Boiler in.	Diameter of Smoke Outlet in.	Tappings	
						Flow Outlets at top	Returns at Bottom either side
						No. and Diam. in in.	
03K	3	33	$18\frac{3}{8}$	$17\frac{1}{16}$	6	1–2	1–2
04K	4	33	$18\frac{3}{8}$	$23\frac{1}{16}$	6	1–2	1–2
05K	5	33	$18\frac{3}{8}$	$29\frac{1}{16}$	6	2–2	2–2
06K	6	33	$18\frac{3}{8}$	$35\frac{1}{16}$	6	2–2	2–2
07K	7	33	$18\frac{3}{8}$	$41\frac{1}{16}$	6	2–2	2–2
14K	4	$39\frac{3}{4}$	$24\frac{1}{16}$	$23\frac{1}{16}$	8	1–3	1–3
15K	5	$39\frac{3}{4}$	$24\frac{1}{16}$	$29\frac{1}{16}$	8	1–3	1–3
16K	6	$39\frac{3}{4}$	$24\frac{1}{16}$	$35\frac{1}{16}$	8	1–3	1–3
17K	7	$39\frac{3}{4}$	$24\frac{1}{16}$	$41\frac{1}{16}$	8	2–3	2–3
18K	8	$39\frac{3}{4}$	$24\frac{1}{16}$	$47\frac{1}{16}$	8	2–3	2–3

* Jacket and doors can be supplied in vitreous enamel finish; prices on application. **Jacket can be fitted after pipe connections have been made.**

Extras: Draw-off Cock, $\frac{3}{4}$ in. No. 802 Ideal Damper Regulator.

When automatic regulation is not required, a sliding ashpit door can be supplied in place of the hinged pattern illustrated, if specified on order.

Grate Bars: Grill pattern.

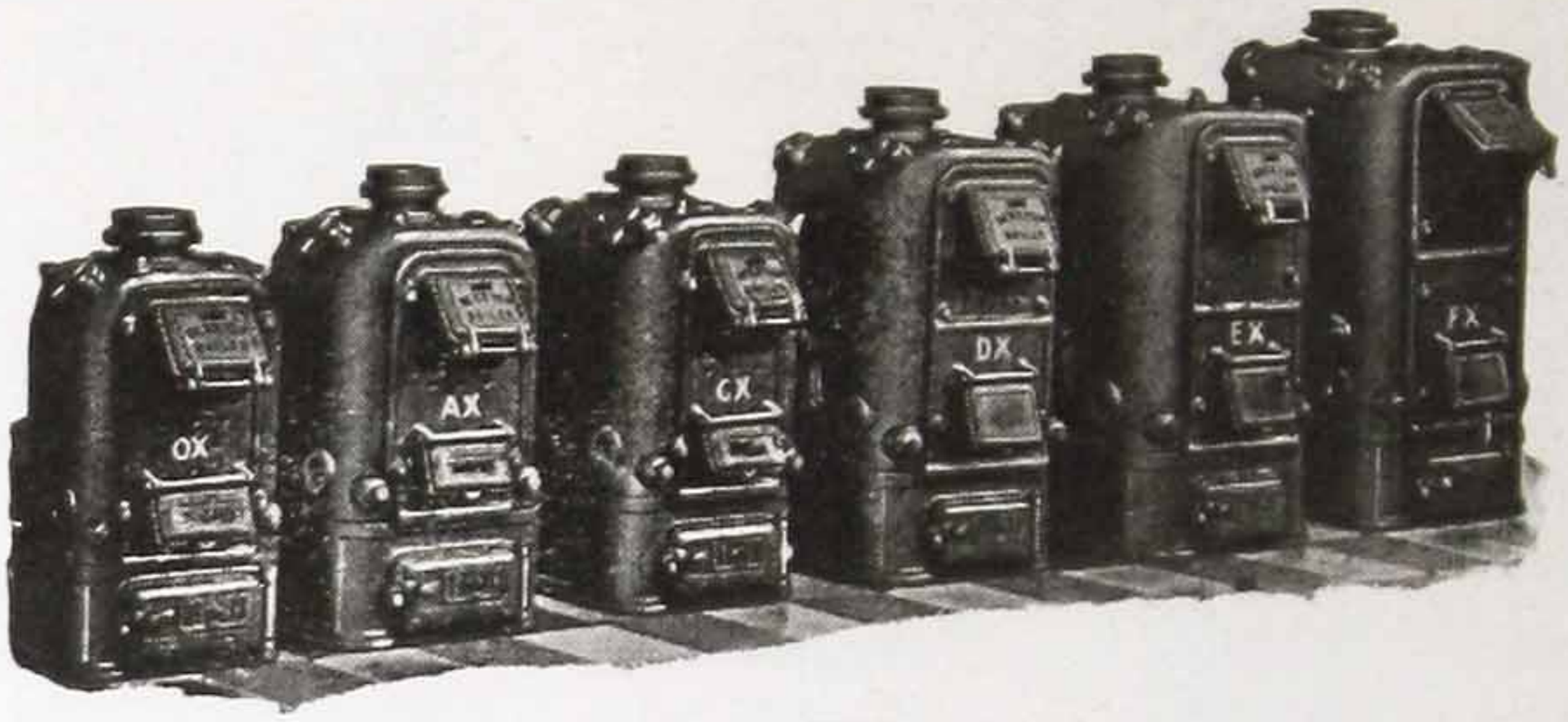
Insulating Galvanized Steel Jackets are available as an extra, when Ordering state position of Connections.

If boiler is required with smokehood at front, add the letter F to Fig. Nos. thus: 03KF, 14KF, etc.

When fitted with smokehood at front, the height from floor to top of smoke outlet is, No. O-K Series $37\frac{7}{16}$ in.; No. 1-K Series $40\frac{3}{4}$ in.

BEESTON DOMESTIC BOILERS

For Hot Water Supply



	Size	Outside measurements overall H. in.	W. in.	D. in.	Dia. of Smoke Pipe in.	B.T.U. per hour for Hot Water Supply	Capacity—Gals. per hour 60° to 100°	60° to 130°	60° to 212°
Open Type	WOF	20	× 18¼	× 17¾	4	20,000	50	29	13
	OOF	23½	× 18¼	× 18	4	23,500	59	34	15
	AOF	26¾	× 18¼	× 18	4	28,500	71	41	19
	BOF	26⅜	× 18	× 21½	4	37,500	94	54	25
	COF	26¼	× 19	× 25½	4½	55,000	133	76	35
	DOF	31½	× 23¼	× 26¾	5	76,000	189	108	50
	TWOF	25	× 18¼	× 18	5	20,000	50	29	13
	TOOF	26½	× 18¼	× 18	5	20,000	50	29	13
Closed Type	PX	30	× 14¼	× 14	4	35,750	81	46	21
	OX	32	× 16¼	× 15⅜	4½	47,650	108	62	28
	AX	34¾	× 18¾	× 17¼	4½	60,500	133	76	35
	CX	35	× 18	× 20½	5	82,500	189	108	50
	DX	40	× 21⅝	× 21½	5	104,500	227	130	60
	EX	43	× 24¾	× 25	5	137,500	312	179	82
	FX	47 5/16	× 24¾	× 27	6	170,500	388	222	102
	HX	48 5/16	× 27¾	× 30	6	203,500	462	264	122

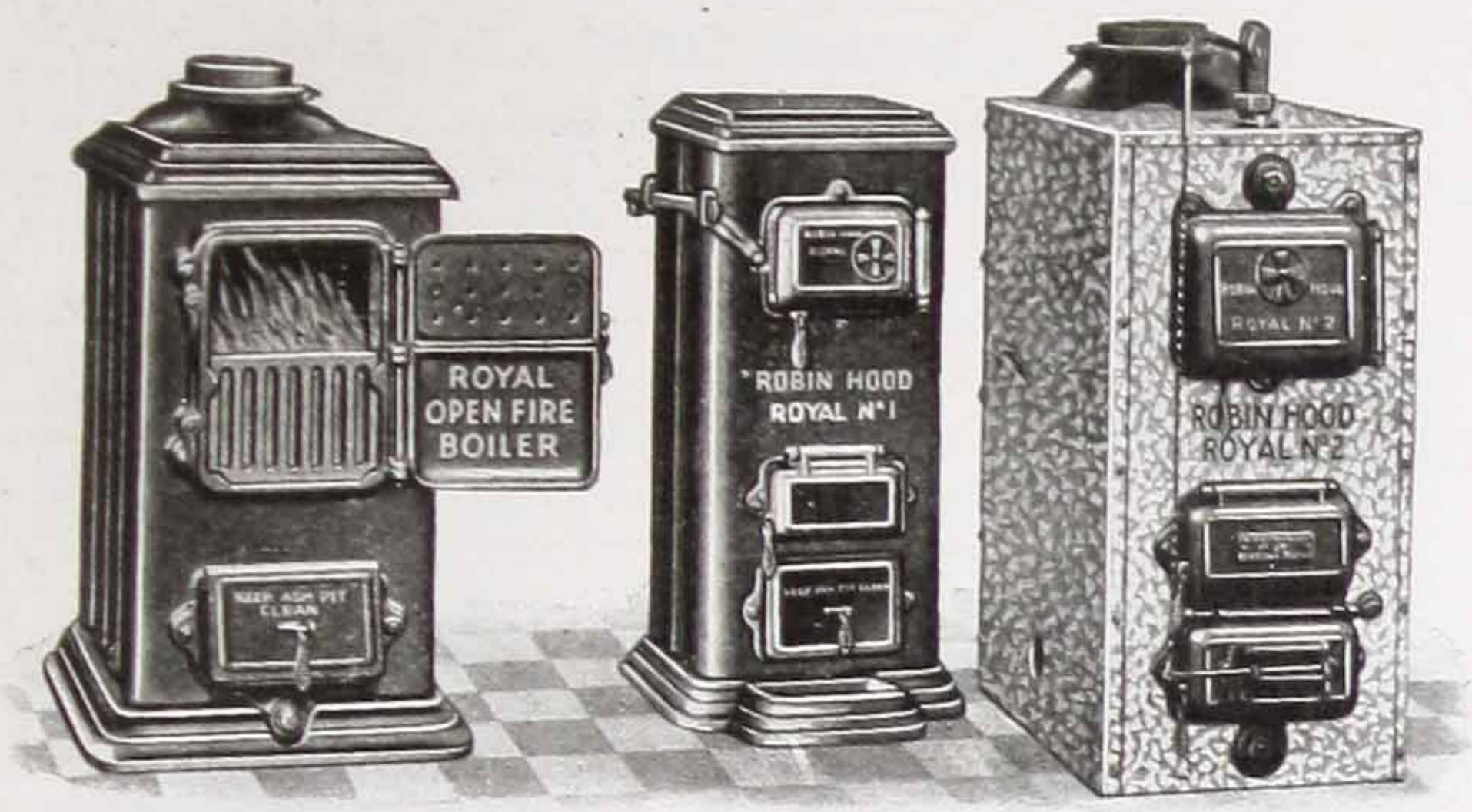
Extras : Ashpan, Tray with Feet, Polished Top, Nickel or Chromium-plated Top.

Polished Top is included in price of TWOF, OOF, TOOF, AOF and Standard WOF is supplied with black top.

All Beeston Open Fire Domestic Boilers can be supplied with Porcelain Enamel Finish.

Rustless (Bower-Barffed) Firepots Available to Special Order.

ROBIN HOOD ROYAL BOILERS



Royal Open Fire. No. 1 Royal. No. 2 Royal with Jacket,

RATINGS

No.	Heating Surface sq. ft.	To heat feet of 4 in. Pipe	To heat sq. ft. of Radiation	Heating Power British Thermal Units	Water Capacity Gallons	Smoke Pipe Size in.
3 ROF	8	210	240	38,400	6½	5
4 ROF	10·9	283	327	52,300	7½	5
5 ROF	13·2	342	396	63,360	8½	5
6 ROF	15·5	402	465	74,400	9¾	5
3 RI	11¼	270	310	49,500	8	5
4 RI	14¼	340	390	62,700	9	5
5 RI	17¼	410	475	75,900	10	5
6 RI	20¼	480	560	89,100	11	5
32 RN	13⅔	325	375	60,000	9¼	6
42 RN	18	425	495	79,000	10½	6
52 RN	22⅓	530	615	98,000	11¾	6
62 RN	26⅔	630	735	117,000	13	6
72 RN	31	735	850	136,000	14¼	6

Jacket with or without Asbestos, Grey Enamel Finish, including Doors, Smoke Flue and Base.

ROF and No. 1—Firegrate—in two halves.

No. 2—Firegrate—Grill Pattern.

Boilers are available with galvanised jackets—with or without asbestos linings.

Boilers supplied with enamel jackets are without asbestos lining.

Jackets must be fitted before pipe connections are made.

Rocking Firegrate to special order.

Top-smoke outlet supplied unless otherwise ordered.

IDEAL NEO-CLASSIC BOILERS

For Heating and Indirect Hot Water Supply

Nos. 1A and 2A Series

	Rating		
No.	B.T.U. per hour	Direct Radiation sq. ft.	†External Surface B.T.U. per hour
NC31A	23,600	145	2,700
NC41A	33,200	205	3,100
NC51A	42,800	265	3,500
NC61A	52,400	325	3,900
NC71A	62,000	385	4,300
NC42A	62,000	385	4,500
NC52A	76,200	475	5,300
NC62A	90,400	565	6,100
NC72A	104,600	655	6,900
NC82A	118,800	745	7,700
NC92A	133,000	835	8,500

				**		Tappings	
No.	Number of Sections	Height to top of Flow Outlet in.	Width in.	Depth including Smoke-hood in.	Diameter of Smoke Outlet in.	Flow Outlets on top No. and	Returns at back Diam. in in.
NC31A	3	34 5/8	13 1/2	13 1/2	4 1/2	1-2	1-2
NC41A	4	34 5/8	13 1/2	16 1/2	4 1/2	1-2	1-2
NC51A	5	34 5/8	13 1/2	19 1/2	4 1/2	1-2	1-2
NC61A	6	34 5/8	13 1/2	22 1/2	4 1/2	1-2	1-2
NC71A	7	34 5/8	13 1/2	25 1/2	4 1/2	1-2	1-2
NC42A	4	41 1/2	16 1/2	18 1/2	6	1-2 1/2	1-2 1/2
NC52A	5	41 1/2	16 1/2	21 1/2	6	1-2 1/2	1-2 1/2
NC62A	6	41 1/2	16 1/2	25 1/2	6	1-2 1/2	1-2 1/2
NC72A	7	41 1/2	16 1/2	28 1/2	6	1-2 1/2	1-2 1/2
NC82A	8	41 1/2	16 1/2	32 1/2	6	1-2 1/2	1-2 1/2
NC92A	9	41 1/2	16 1/2	35 1/2	6	1-2 1/2	1-2 1/2

Available in Plain Finish, Grey Mottle or Cream Mottle and Black. Grate Bars, Grill Pattern.

** Ashtray extends 5 1/2 in. at front. † Without Jacket

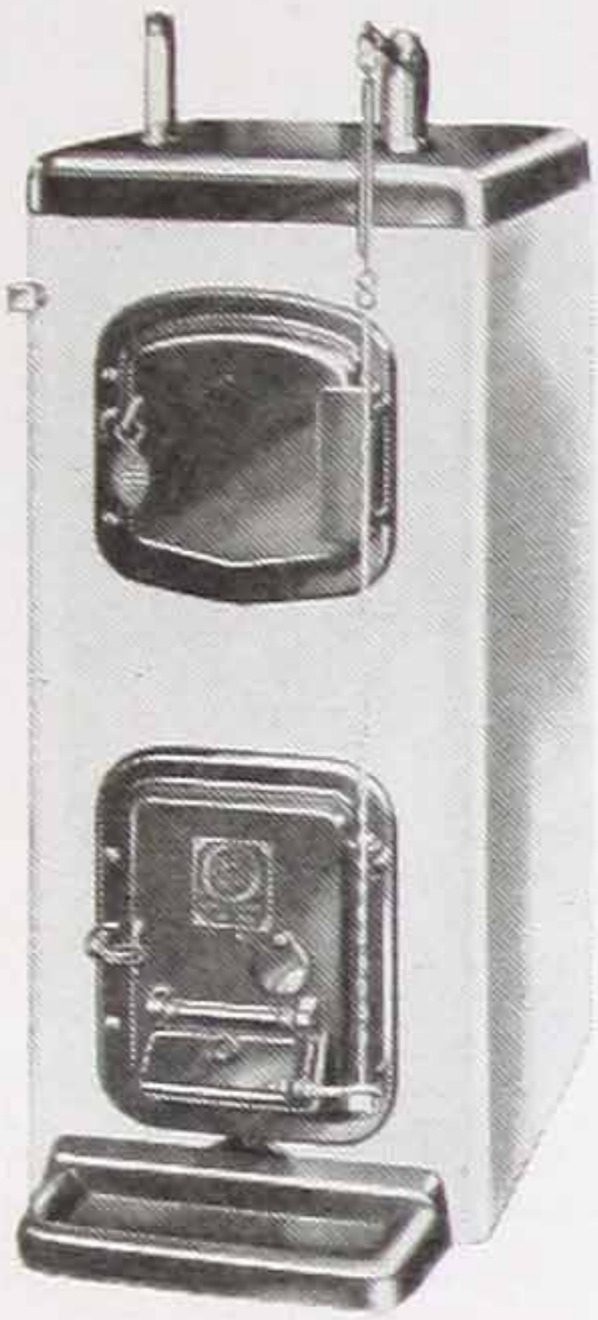
A Rocking Grate, operated by a Detachable Lever Arm fitted through the Clinker Door can be supplied to order for the No. 1A Series.

Extras—Stoking Tools—Damper Regulator—‡ DO Cock—§ Ideal B1 Spring Safety Valve.

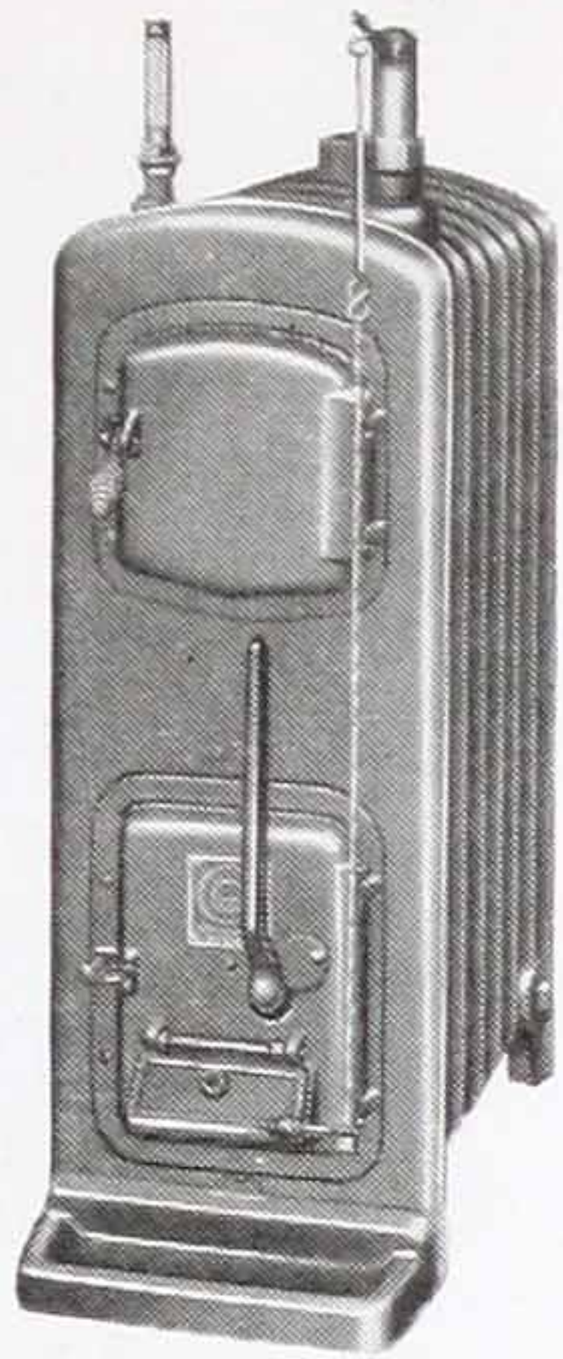
Supplied with Vertical or Horizontal Smokehood.

IDEAL NEO-CLASSIC BOILERS

For Heating and Indirect Hot Water Supply

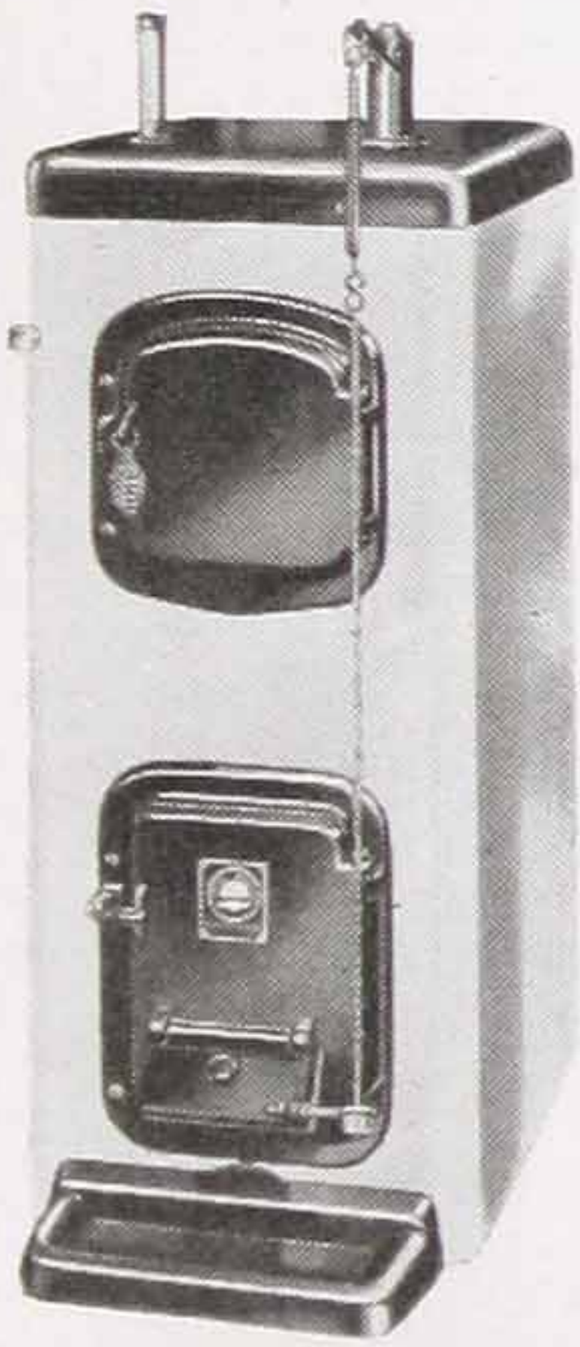


No. 1A Series

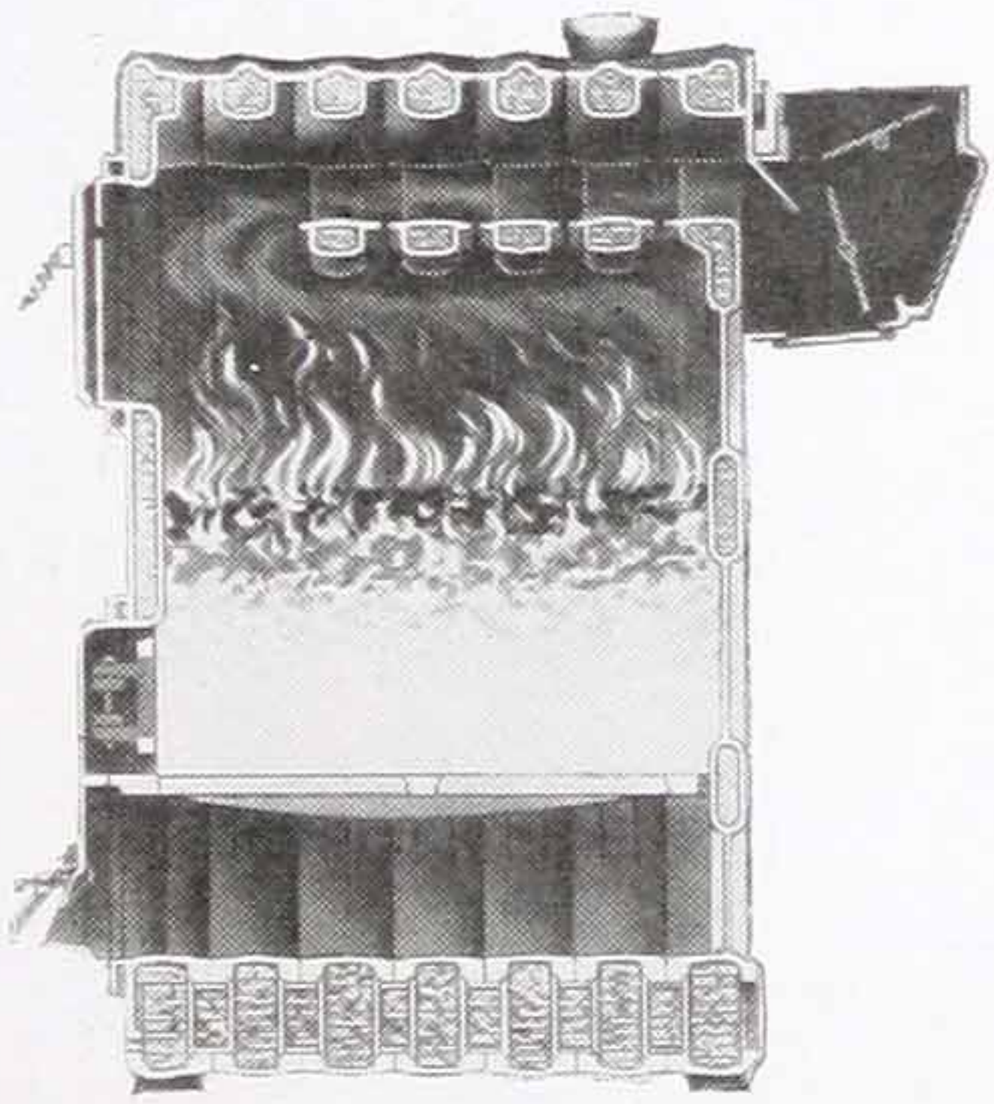


Cream mottle vitreous enamelled jacket ; other parts as shown in black vitreous enamel.

Without jacket, and with rocking grate lever in position.



No. 2A Series



Cream mottle vitreous enamelled jacket ; other parts as shown in black vitreous enamel.

Sectional view, showing flue travel and waterways.

BAXENDALE & CO. LTD.

BEESTON BOILERS FOR GARAGES, GREENHOUSES, Etc.

Not Suitable for Domestic Supply.

This series of boilers has proved very popular, and many thousands have been sold. They are strong and durable, and boilers sold over thirty years ago are still working quite satisfactorily. Suitable for motor garages, greenhouses, etc. With smoke outlet at the front, the body of the boiler can be fixed inside the building and stoked from the outside. It can also be supplied with smoke outlet at the top. When properly banked up, the Beeston Boiler will easily burn through the night without attention.

Size	Outside measurements of Boiler	Inside measurements of Firebox	Position of Smoke Outlet and diam.	To heat sq. ft. direct Radiation	To heat feet of 4 in. Pipe
	H. W. D. in. in. in.	H. W. D. in. in. in.	in.		
OB	21 × 15¼ × 13½	14½ × 8 × 9	Front 4	50	25
OA	21 × 15¼ × 13½	14½ × 8 × 9	Top 4	50	25
A	24 × 15 × 15	16½ × 10¼ × 12	Front 4½	100	40
AA	24 × 15 × 15	16½ × 10¼ × 12	Top 4½	100	40
*A1	24 × 15 × 15	16½ × 10¼ × 12	Front 4½	120	60
*A2	24 × 15 × 15	16½ × 10¼ × 12	Top 4½	120	60
A3	27 × 15 × 15¼	19½ × 10⅝ × 12¼	Front 4½	160	90
A4	27 × 15 × 15¼	19½ × 10⅝ × 12¼	Top 4½	160	90
B1	27 × 16 × 19	16½ × 11½ × 16½	Front 5	190	130
B2	27 × 17¼ × 20¼	16½ × 11½ × 16½	Top 5	190	130
C	31 × 17¼ × 20¼	20¼ × 11½ × 17	Front 5	230	200
C2	31 × 17 × 20	20¼ × 11½ × 17	Top 5	230	200
D	36½ × 20¾ × 20¾	24½ × 14¼ × 18¼	Front 5	290	280
D2	36½ × 20¾ × 20¾	24¼ × 14¼ × 18¼	Top 5	290	280

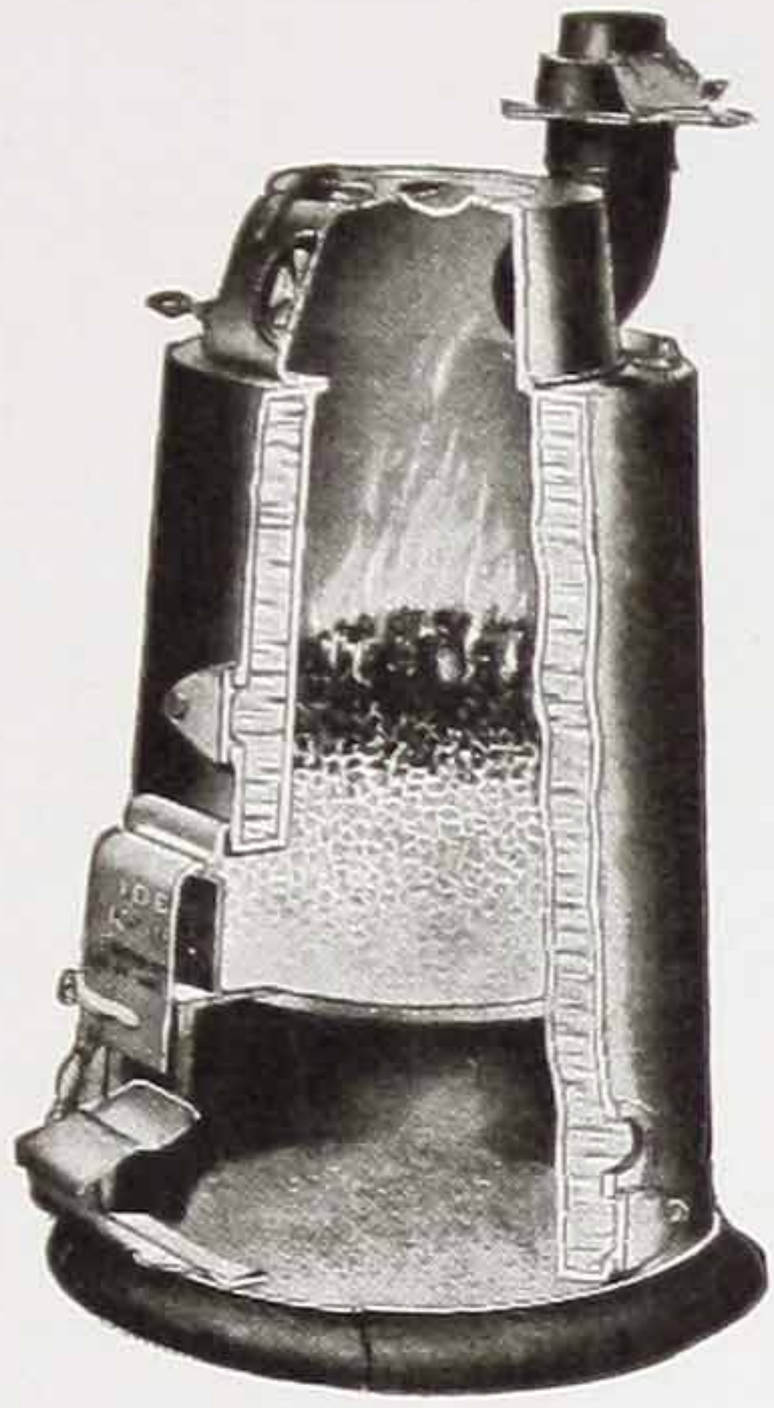
* These boilers are same size as A and AA patterns, but with waterway back extended to level of firebars. B1, B2, C, C2, D and D2 patterns have part waterway front. The ratings in square feet radiation apply to boilers used for house heating; the column showing 4-in. pipe is for greenhouse and garage boilers.

MILLER STREET · MANCHESTER

IDEAL DOMESTIC BOILERS

For Hot Water Supply

No. 14D. With Baseplate and Damper Regulator.



No. 15D. Cut View. With Baseplate

No.	Hot Water Supply only				Heating only	
	B.T.U. per hour	** Gallons per hour			B.T.U. per hour	Direct Radiation Sq. ft.
		40°–120°	40°–140°	40°–160°		
14D	99,000	123	99	82	34,800	215
15D	132,000	165	132	110	53,500	335

Rustless (Bower Barffed) firepots available to special order.

When automatic regulator is required a No. 802 Ideal Damper regulator is provided. Stoking Tools and Baseplate are available as extras.

No.	Diameter of Boiler Baseplate in.	*Height to Top of Smoke Outlet in.	Diameter of Smoke Outlet in.	*Height to Centre of Flow in.	*Height to Centre of Return in.	Tapping Flow find Return in.
14D	25½	48	4½†	35¼	9¼	2–2
15D	28	51 7/16	6	38½	9½	2–2

* Including Baseplate (No. 14D, 2¼ in.; No. 15D, 2½ in.).

** Gallons per hour at any temperature can readily be determined by dividing the B.T.U. rating by the temperature rise multiplied by 10.

Smokepipe and Elbows should not be less than size of smoke outlet.

Where independent cast-iron chimney is used, 6-in. is minimum size.

4½-in. by 6-in. Adapter for making 6-in. flue connection extra.

THE NEW BEANCO CAST-IRON INDEPENDENT BOILER

Size No.	Body	Total Height	Approx. Heating Power in 4-in. Pipes	Size of Flue Outlet
	in.	ft. in.	ft.	in.
1	8 × 12	2 8½	40	4
2	12 × 12	3 0½	60	5
3	16 × 12	3 4½	80	5

The body sizes are dimensions of Cylindrical Shell not including Top and Bottom Castings.
The body is made in sections, so that any section can be replaced without necessitating a new Boiler.
All Boilers are tapped for ½ in. Draw-off. The size of Flow and Return Connections are for No. 1 size 1 in. Screwed, and on Nos. 2 and 3 sizes 1¼ in. Screwed.

THE MANCHESTER WELDED BOILER

Made from Best British Manufactured Mild Steel Boiler Plates.

Size No.	Dimensions	Approx. Heating Power in 4-in. Pipes	Size of Tapped Bosses	Size of Flue Outlet
	in.	ft.	in.	in.
1	18 × 14 × 12	90	1½	5
2	24 × 14 × 12	110	1½	5
3	29 × 14 × 12	130	1½	5
4	29 × 16 × 13	160	1½	5
5	34 × 16 × 13	200	1½	5
6	40 × 16 × 13	250	1½	5
7	46 × 16 × 13	300	1½	5
8	29 × 20 × 16	300	2	6
9	34 × 20 × 16	350	2	6
10	40 × 20 × 16	400	2	6
11	46 × 20 × 16	450	2	6
12	34 × 26 × 20	550	2	7
13	40 × 26 × 20	650	2	7
14	46 × 26 × 20	750	2	7
15	40 × 30 × 20	900	2	7
16	48 × 30 × 20	1,000	2	7

This illustration shows Boiler Fitted with Screwed Connections for Flow and Return at Right and Left-hand sides and Fig. 2 Pattern Top. Draw-off Tap extra.

The measurements given above are exclusive of Top and Bottom Castings.

Fig. 1

Fig. 2

Fig. 3

Fig. 4

To save delay please specify which Pattern of Top is required, also size and position of Connections.

Unless otherwise ordered Manchester Boilers are supplied with Connections for Wrought-iron Tube.

The screwed Connections can be placed at the back or sides as preferred. Sockets for Cast-iron Pipe can be supplied on these Boilers if specially ordered without extra charge. Boilers are prepared for Draw-off Tap. Taps extra.

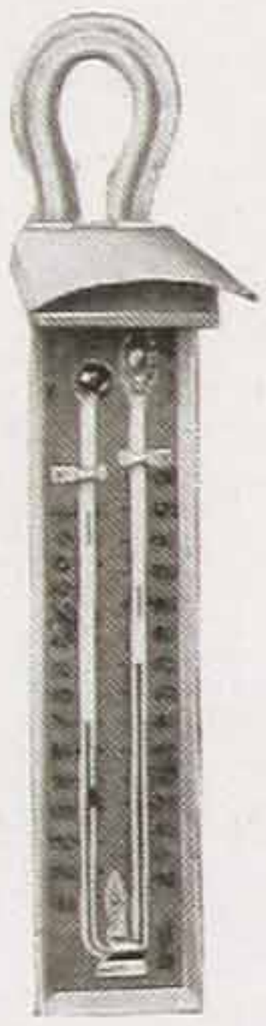
THE CULTIVATUM BOILER

For Greenhouses, Garages, etc. All Boilers are fitted with Damper and are also provided with ½-in. hole for emptying.

No.	Height Overall	Boiler Body only Height	Width	Depth
	in.	in.	in.	in.
1	22	20 ×	16 ×	10
2	27	25 ×	16 ×	10
3R	30	28 ×	16 ×	12
4	30½	28 ×	16 ×	16¼

No.	Smoke Pipe Size	Heating Capacity in 4-in. Pipes
	in.	feet
1	4	70
2	4½	95
3R	4½	135
4	5	175

Boilers in stock include as standard two 4-in. Expansion Joint Connections at back.
Two 2-in. or 3-in. Connections, or two Screwed Holes, can be supplied if required at an extra cost.
Socket connections can be substituted at an extra cost.



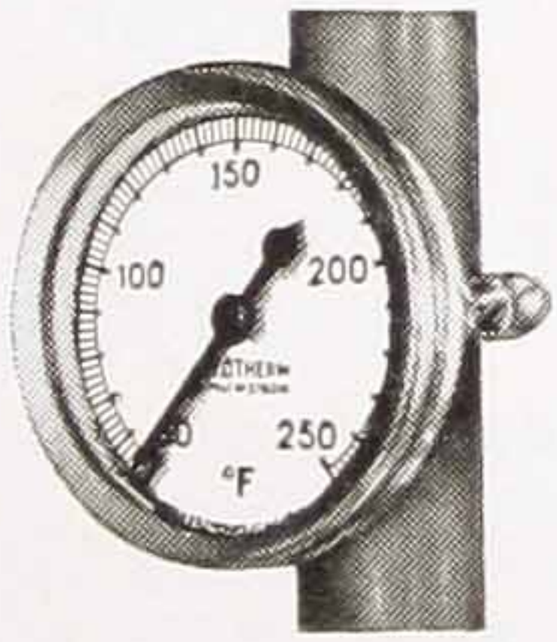
No. FA 302

HORTICULTURAL AND AGRICULTURAL THERMOMETERS

8 in. Zinc scale maximum and minimum registering Thermometer, Range 10/130° Fahr., mounted in White Japanned Iron Case with Magnet for Resetting Indices.

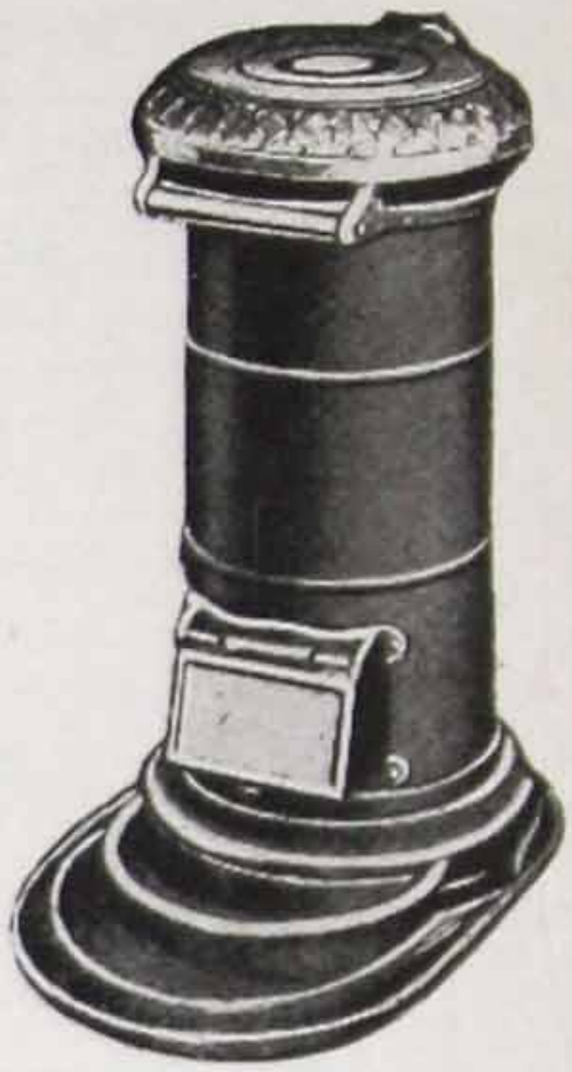
No. FA 303
PIPE LINE AND SURFACE THERMOMETERS

With a view both to conserving fuel and ensuring efficiency in operation, the use of a ROTOTHERM pipe line thermometer in any hot water or boiler system is indispensable. Two types are available for farm and dairy use. Both have a 2½ in. dial, clear open scale and a choice of temperature ranges. One is for insertion in the pipe line with a fixed boss screwed for ½ in. B.S.P., and is available in three standard 5/16 in. diameter stem lengths of 1¾ in., 2¼ in. and 3 in., whilst the other is for external fitment (as shown) by means of a spring or jubilee clip to suit pipes of 1 in. to 6¾ in. outside diameter.



HEATING STOVES

SLOW COMBUSTION STOVE
No. H 3392



Complete with Reversible Nozzle and Loose Ashpan.
Maximum of Heat with a Minimum of Fuel.
Best Quality Sheet Steel Body.
Best Brick-lined throughout. Cast-iron Top and Bottom.

Size No. ...	0	1	2	3	4	5
Diameter ...	8	9	10	12	14	16 in.
Height ...	16	20	25	30	32	36 in.
Nozzle ...	3½	3½	3½	4	4	5 in.
Approximate Heating Capacity	1,500	2,000	7,000 cu. ft.	12,000	15,000	20,000

Tray Fenders are extras, and are not supplied unless ordered.

THE "IMPROVED BOGIE"
No. H 67

Cast-iron, with sectional body, brick-lined fire chamber, hinged fire door, boiling opening, draw-out ashpan, sliding regulator and tray.

REVERSIBLE FLUE OUTLET TOP OR BACK

Size No.	Overall Width	Overall Height	Flue Nozzle	Average Heating Capacity cu. ft.
12	13½	19½	3½ in.	2,000

Standard Finish. White/Grey Bonamel Finish.
Supplied plain or White/Grey Bonamel Finish.
Other colours Tan, Terra Cotta, and Green.
Combined draught regulator and cleaning door recommended for Bonamelled stoves to prevent damage by overheating.

THE "ROMESSE" STOVE
No. H 3395

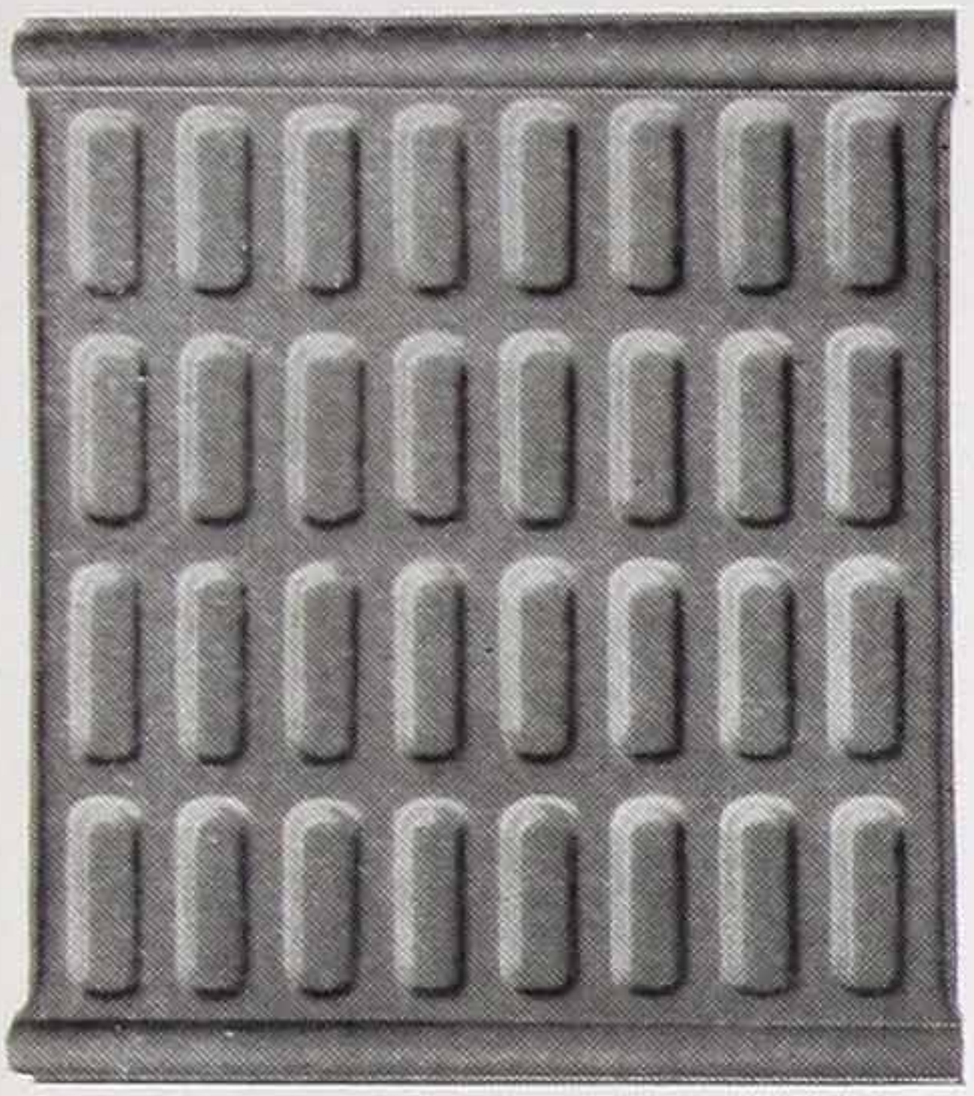
Specially Suitable for Workshops.

No.	Approximate Heating Capacity cu. ft.	Height overall in.	Diameter of Body in.	Size of Pipe in.
0	6,000	27½	14	4
1	12,000	32	16	5
2	14,500	36	16	5
3	17,000	40	16	5
4	20,000	41	16	5
5	23,000	45	16	5
6	26,000	49½	16	5

Extras

Circular Galleries, 28 in. diameter (these Galleries are not available for No. 0 size).
Heavy Cast-iron Tray, 39½ in. diameter for sizes Nos. 1-6.
Smaller Cast-iron Tray for No. 0.

DIMPLEX PRESSED STEEL WATER RADIATORS



Dimplex Pressed Steel Water Radiators with their attractive yet unobtrusive styling harmonise with any decor, period or contemporary, and at the same time satisfy the most stringent demands for *balanced* space heating in varying situations. Whether for home, office, shop, club, hotel, school or for a host of other locations, Dimplex will provide comfort heating at its best and their appearance will give constant pleasure.

MODELS

Model No.	No. of sections	Length (add 1″ for Plug and Bushings)	Height	Heating surface sq. ft. (approx.)	Tappings B.S.P.
W.44	1	12″	26⅜″	5	½″
W.36	1	17¼″	20¾″	6	½″
*W.38	1	22½″	20¾″	7½	¾″
*W.310	1	27½″	20¾″	10	¾″
*W.48	1	22½″	26⅜″	10	¾″
*W.412	1	33¼″	26⅜″	15	¾″
*W.316	2	46″	20¾″	15	¾″
*W.416	2	46″	26⅜″	20	¾″
*W.320	2	56½″	20¾″	20	¾″
*W.424	2	67″	26⅜″	30	1″
W.330	3	83½″	20¾″	30	1″

**Top plates in all colours available for models asterisked.*

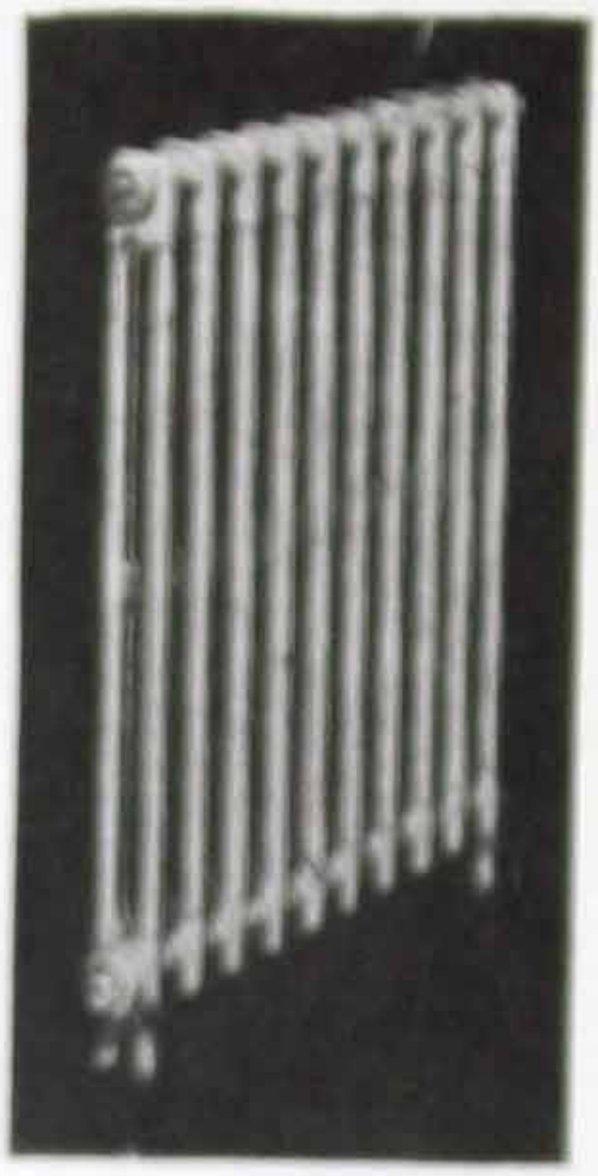
COLOURS. Standard Finish—Light Bronze. To order: Gold, Cream, White, Sky Blue, Silver Grey, Eau-de-nil and Pink, at extra cost.

INSTALLATION

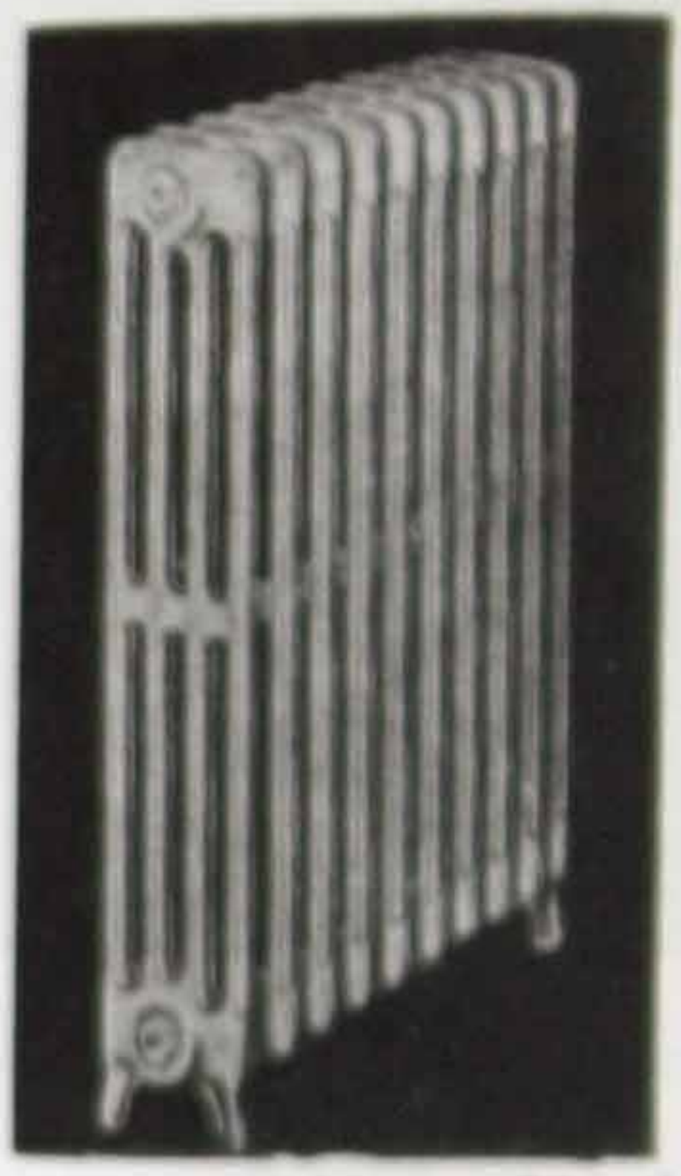
It is most important to note that Dimplex Water Radiators are only intended for use on an Indirect system, or in conjunction with a Calorifier. No guarantee can be given if they are connected direct to a domestic hot water system, in view of the varying properties of water and the different methods of installation.

IDEAL NEO-CLASSIC RADIATORS

For Water or Steam



For Wrought Iron Tube and Fittings *see pages* 198 and 199



Suitable for steam-pressures up to 20 lb. sq. in.

No. 2, width 2¼ in. No. 4, width 5¼ in.

Pattern	Height in.	*Length per Section in.	Width at Feet in.	Floor to centre of top opening in.	Floor to centre of bottom opening in.	Heating surface per section sq. ft.
No. 2	30	2	2¼	28 $\frac{11}{32}$	3½	1 $\frac{1}{8}$
	24			22 $\frac{11}{16}$		1
	18			16 $\frac{11}{32}$		$\frac{3}{4}$
No. 4	36	2¼	5¼	35	3½	3 $\frac{1}{8}$
	30			29 $\frac{5}{32}$		2 $\frac{7}{8}$
	24	2		22 $\frac{11}{16}$	3½	2
	18			16 $\frac{11}{32}$		1 $\frac{7}{8}$
No. 6	36	2¼	8¼	35	3½	5
	30			29 $\frac{5}{32}$		4 $\frac{3}{10}$
	24	2		22 $\frac{11}{16}$	3½	3
	18			16 $\frac{11}{32}$		2 $\frac{3}{10}$

* End sections $\frac{1}{16}$-in. less. Add 1 in. to length of radiator for bushings and plugs.

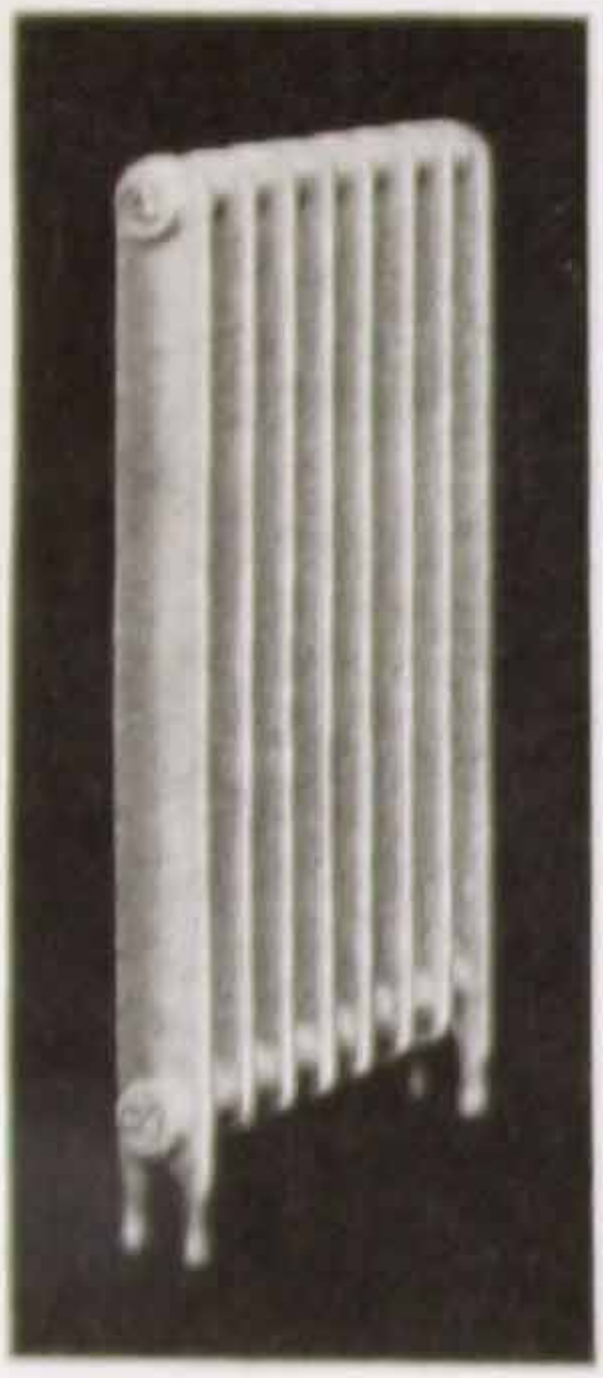
Fitted with Ideal Vent Plug

Can be supplied without feet. Nos. 4 and 6 can be supplied with solid high legs to give 6 in. or 8 in. centres.

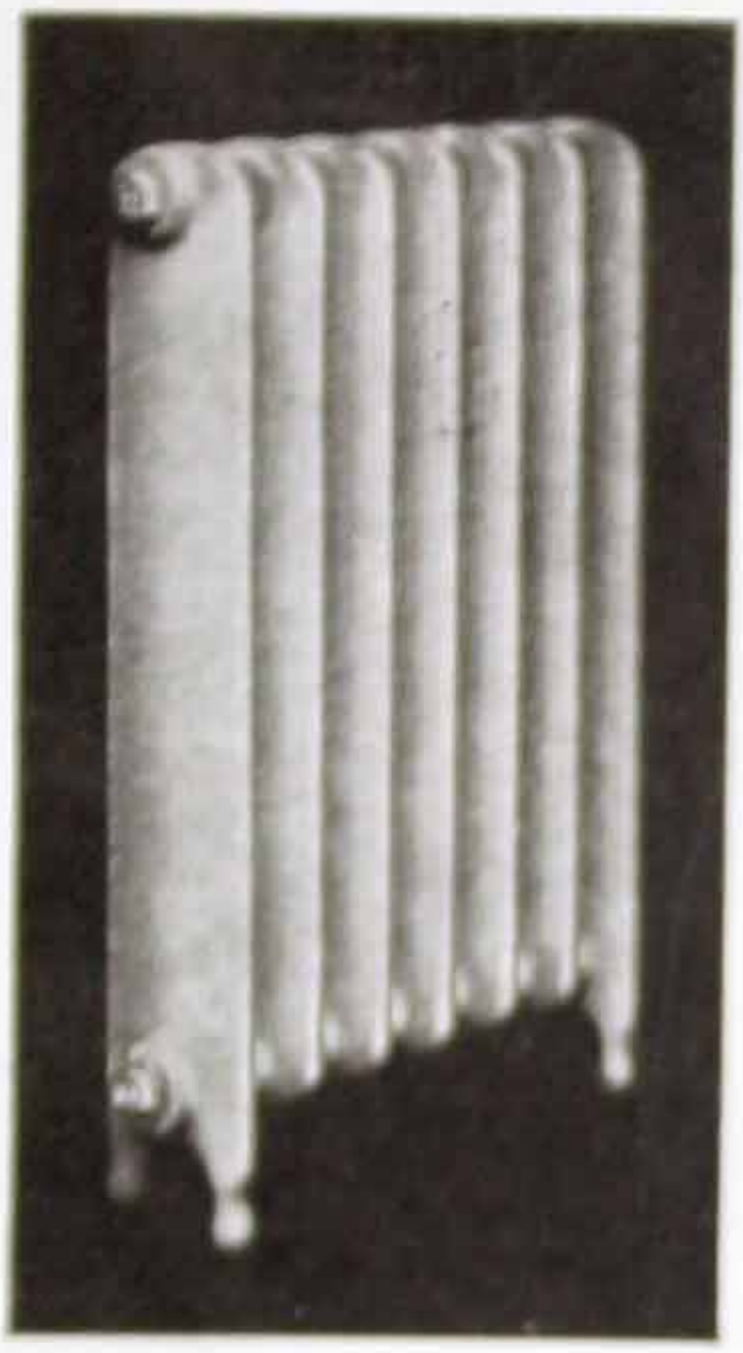
State on order if required for Steam.

IDEAL NEO-HOSPITAL RADIATORS

For Water or Steam



For Radiator Valves and Fittings see pages 176 and 178



Suitable for steam pressures up to 20 lb. sq. in.

Pattern	Height in.	*Length per Section in.	Width at Feet in.	Floor to centre of top opening in.	Floor to centre of bottom opening in.	Heating Surface per Section sq. ft.
3 inch		3-in. width.			5¼-in. width.	
	30	2	3	$28\frac{9}{16}$	4	$1\frac{3}{10}$
	24			$22\frac{9}{16}$		1
	18			$16\frac{9}{16}$		$\frac{3}{4}$
5¼ inch	36	$2\frac{5}{8}$	$5\frac{1}{4}$	$34\frac{9}{16}$	4	3
	30			$28\frac{9}{16}$		$2\frac{1}{2}$
	24			$22\frac{9}{16}$		2
	18			$16\frac{9}{16}$		$1\frac{1}{2}$
7¼ inch	36	$2\frac{5}{8}$	$7\frac{1}{4}$	$34\frac{9}{16}$	4	$3\frac{7}{10}$
	30			$28\frac{9}{16}$		$3\frac{1}{10}$
	24			$22\frac{9}{16}$		$2\frac{1}{2}$
	18			$16\frac{9}{16}$		$1\frac{9}{10}$

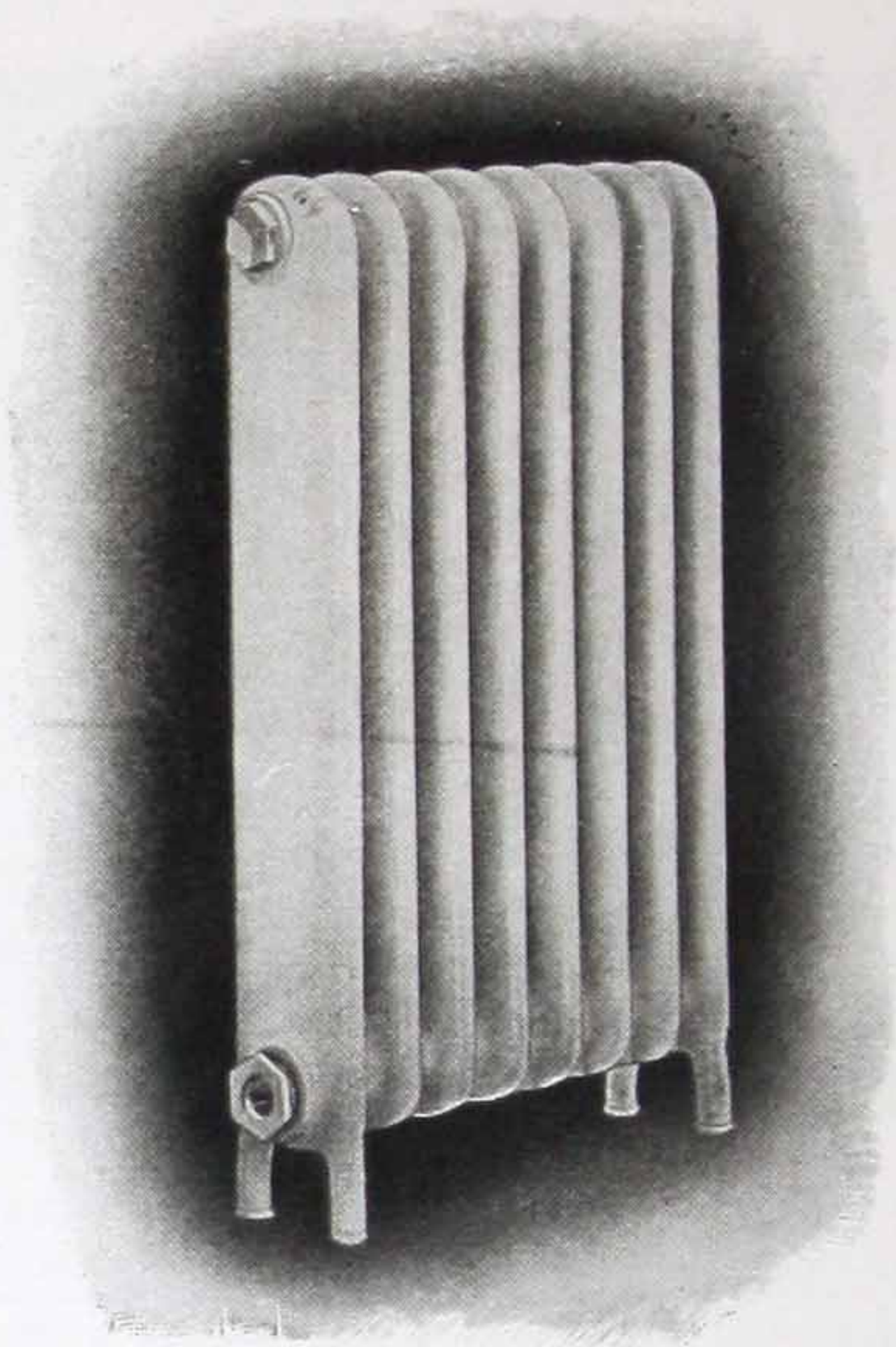
* End sections ½ in. less. Add 1 in. to length of radiator for bushings and plugs.

Fitted with Ideal Vent Plug.

Can be supplied without feet. The 5¼-in. and 7¼-in. widths can be supplied with solid high legs to give 6-in., 8-in., or 10-in. centres.

State on Order if Required for Steam.

BEESTON HOSPITAL RADIATORS



All plain surface with no dust receptacles.

Space between sections = $1\frac{1}{4}$ in. for 5 in. and 7 in. wide ; 1 in. for $3\frac{1}{2}$ in. wide.

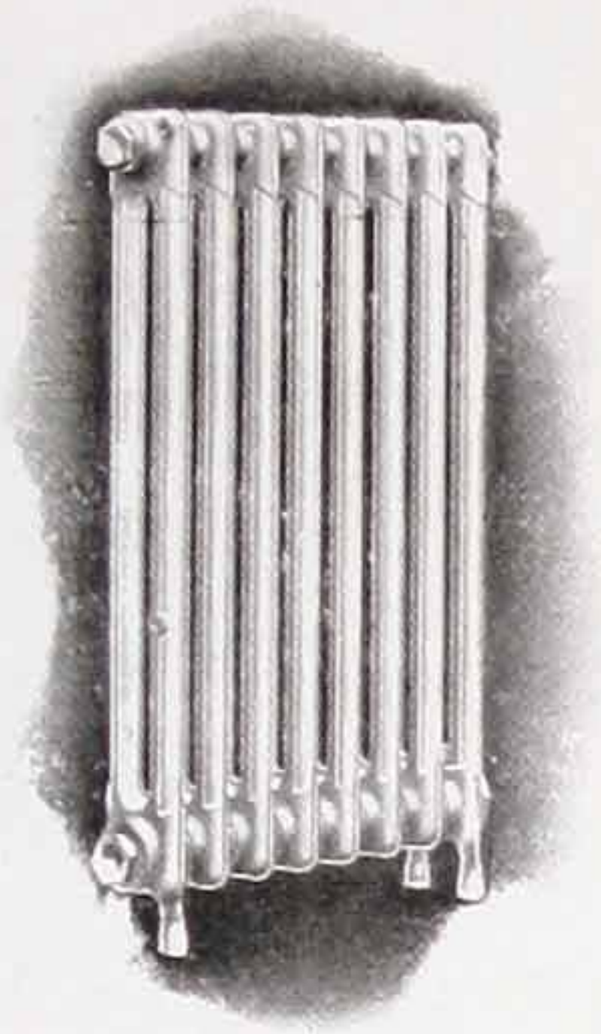
For overall length of radiator, add 1 in. for bushings.

Pattern	Height	Length per Section	Width at Feet	Heating Surface per Section
	Inches	Inches	Inches	Sq. Feet
$3\frac{1}{2}$ in. wide	30	2	$3\frac{1}{2}$	$1\frac{3}{5}$
	24			$1\frac{1}{4}$
	18			1
5 in. wide	36	$2\frac{1}{4}$	5	$2\frac{3}{5}$
	30			$2\frac{1}{5}$
	24			$1\frac{3}{4}$
	18			$1\frac{2}{5}$
7 in. wide	36	$2\frac{1}{2}$	7	$3\frac{3}{5}$
	30			3
	24			$2\frac{1}{4}$
	18			$1\frac{3}{4}$

Can be supplied without feet, if so ordered.

Water Radiators are tapped for $\frac{1}{8}$ in. air cock, or can be fitted with CI airlet plug, free when so ordered.

BEESTON NEW ROYAL RADIATORS

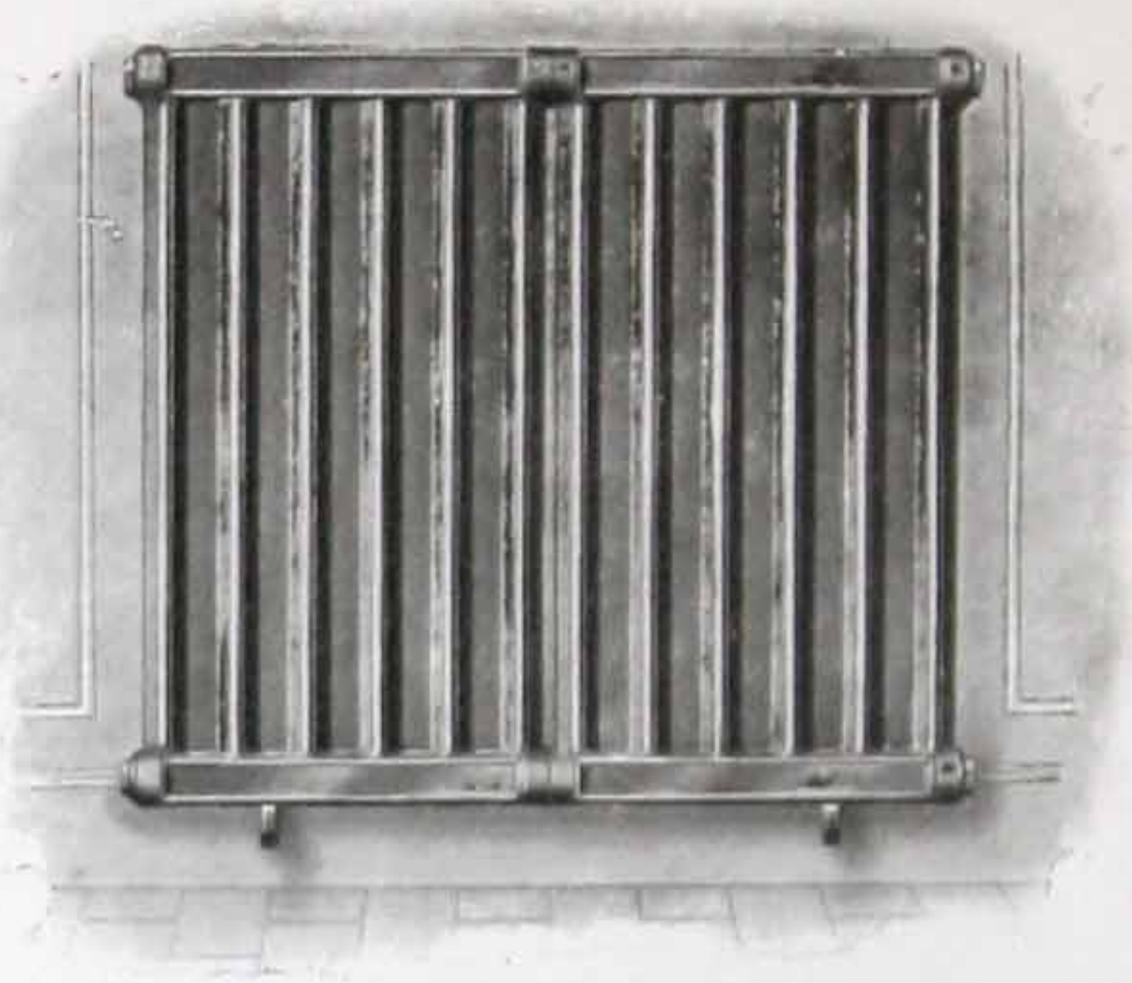


Specially suitable for private house work, being light in appearance. Effective heating surface. Every part can be easily cleaned. All surfaces quite plain—no dust receptacles.

Pattern	Height	Length per Section	Width at Feet	Heating Surface per Section
	Inches	Inches	Inches	Sq. Feet
Two Column $3\frac{1}{2}$ in. wide	30	$2\frac{1}{4}$	$3\frac{1}{2}$	$1\frac{2}{3}$
	24			$1\frac{1}{3}$
	18			1
Three Column $5\frac{1}{2}$ in. wide	36	$2\frac{1}{4}$	$5\frac{1}{2}$	3
	30			$2\frac{1}{2}$
	24			2
	18			$1\frac{1}{2}$
Four Column $7\frac{1}{2}$ in. wide	36	$2\frac{1}{4}$	$7\frac{1}{2}$	$3\frac{9}{10}$
	30			$3\frac{1}{5}$
	24			$2\frac{3}{5}$
	18			$1\frac{9}{10}$
Five Column $9\frac{1}{2}$ in. wide	36	$2\frac{1}{4}$	$9\frac{1}{2}$	5
	30			$4\frac{1}{10}$
	24			$3\frac{1}{5}$
	18			$2\frac{2}{5}$
	13			$1\frac{3}{4}$

Water Radiators are tapped for $\frac{1}{8}$ in. air cock, or can be fitted with CI airlet plug, free, when so ordered.
Each section measures $2\frac{1}{4}$ in. from centre to centre.
For overall length of radiator, add 1 in. for bushings.
Made in any number of sections from 3 to 24.
Space between sections = $1\frac{1}{4}$ in.
Can be supplied without feet, if so ordered.

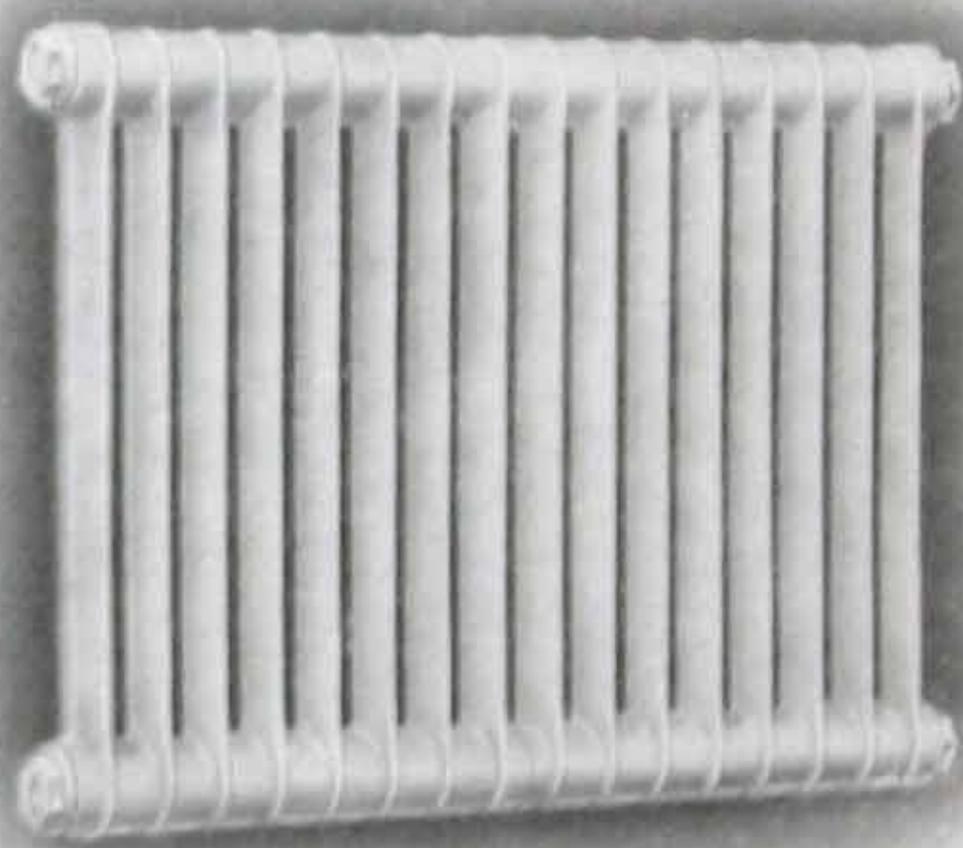
ROYAL WALL RADIATOR



2 Sections.

18 in., 24 in. and 30 in. high × 2¼ in. wide, without feet. Each section 16 in. long. Heating surface per section, 18 in. high = 5 sq. feet ; 24 in. high = 6½ sq. feet ; 30 in. high = 8 sq. feet.
Made in any number of sections from 1 to 10. Add 1 in. to length of each radiator for bushings.

BEESTON WALL RADIATOR



2 Sections.

14½ in. and 22½ in. high × 2½ in. wide, without feet. Length per section, 14½ in. high = 22¾ in. ; 22½ in. high = 14⅛ in. Heating surface per section, 14½ in. high = 8 sq. feet ; 22½ in. high = 7½ sq. feet.
Made in any number of sections from 1 to 10. Add 1 in. to length of each radiator for bushings.
Water Radiators are tapped for ⅛ in. air cock, or can be fitted with CI airlet plug free when so ordered.

IDEAL CLASSIC WALL RADIATORS

For Water or Steam

Suitable for steam pressure up to 20 lb. sq. in.

Height ... ... in.	30	24	18
*Length ... ... ,,	16	16	16
Width ... ... ,,	2	2	2
Heating Surface per section sq. ft.	$8\frac{1}{4}$	$6\frac{2}{3}$	5

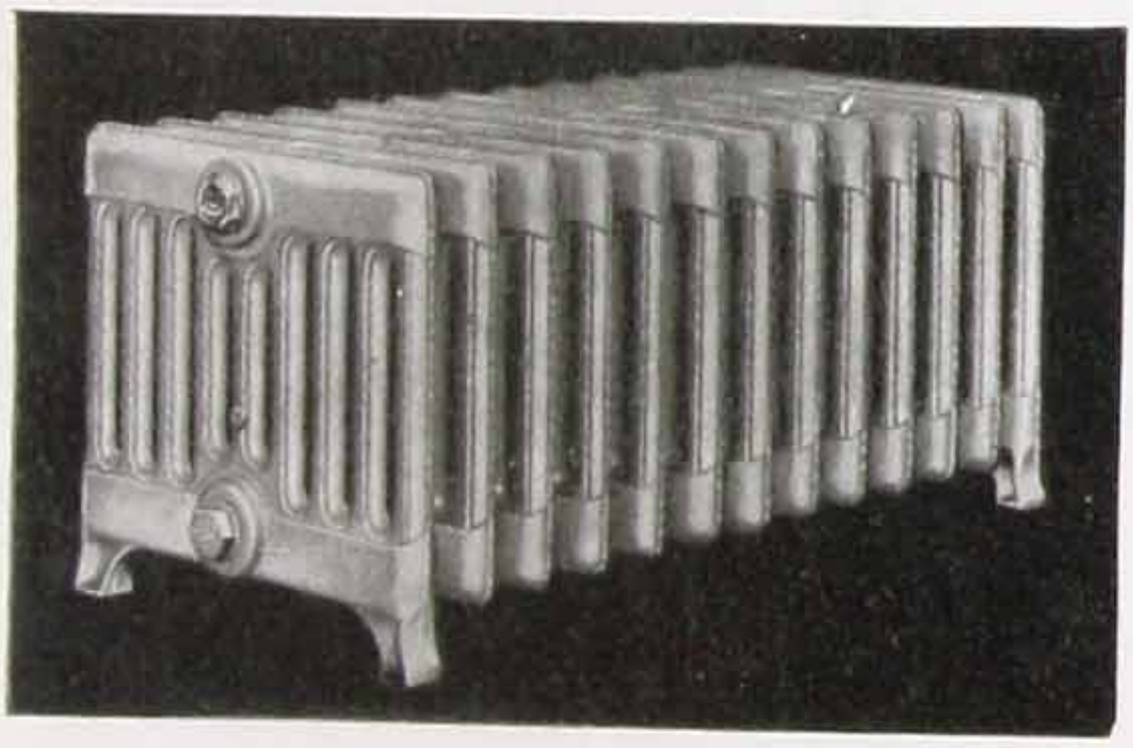
* Add 1 in. for bushings and plugs. When despatched in two or more pieces add $\frac{3}{4}$ in. for each hexagonal nipple.

IDEAL CLASSIC WALL RADIATOR BRACKETS

Type " C " for wood screws.

Distance from wall to centre of tappings, 2 in.

IDEAL NEO-CLASSIC WINDOW RADIATORS



For Water or Steam

Height	13 in.
Width	$13\frac{1}{8}$ in.
*Length per section ...	$2\frac{1}{4}$ in.
Heating Surface, per section	$2\frac{1}{2}$ sq. ft.

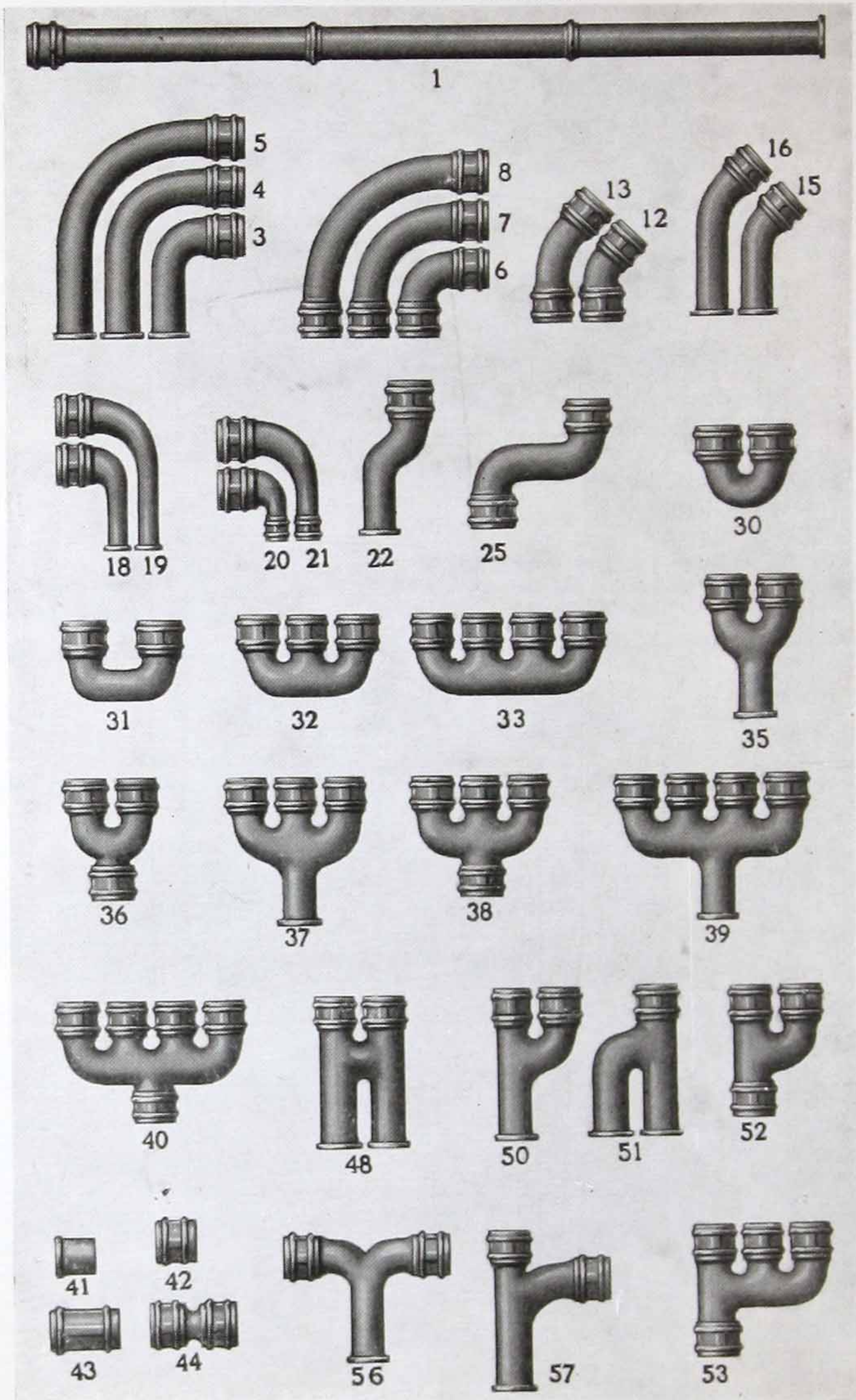
Fitted with Ideal Vent Plug

* End sections $\frac{1}{16}$ in. less.
Add 1 in. for bushings and plugs.

State on Order if Required for Steam.

HOT-WATER PIPES AND FITTINGS

With Sockets for Caulking.



HOT-WATER PIPES AND FITTINGS

With Sockets for Caulking.

(Illustrations on previous page)

No.	Sizes: 2 in. 3 in. 4 in.
1	Socket and Spigot Pipe, 3 ft. long.
	" " " 6 ft. long.
	" " " 9 ft. long.
3	Socket and Spigot Elbow.
4	" " " 2nd Radius.
5	" " " 3rd Radius.
6	Double Socket Elbows.
7	" " " 2nd Radius.
8	" " " 3rd Radius.
12	Double Socket, Obtuse Elbow
13	Double Socket, Obtuse Elbow, 2nd Radius.
15	Socket and Spigot, Obtuse Elbow.
16	Socket and Spigot, Obtuse Elbow, 2nd Radius.

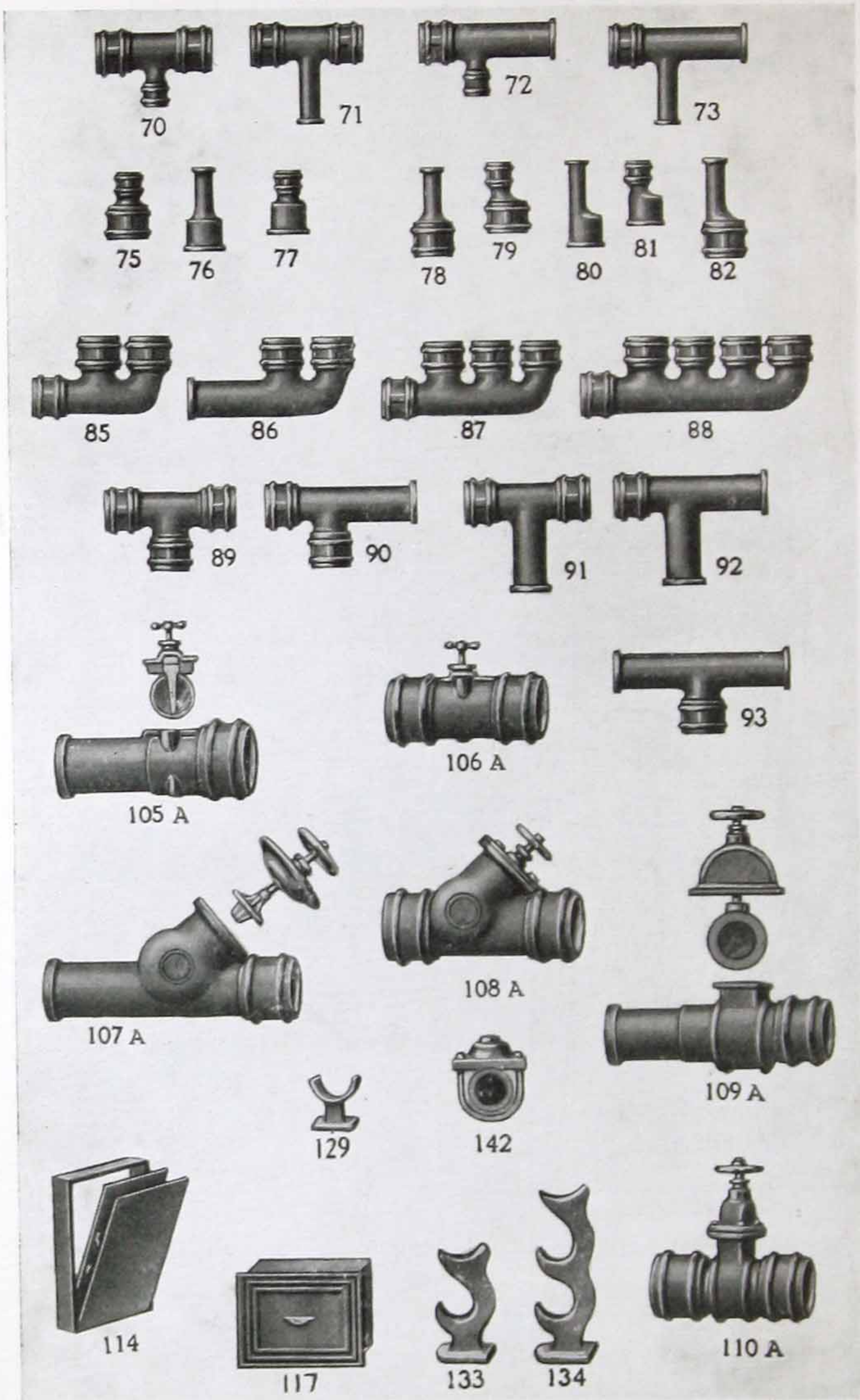
	Sizes: 3 × 2 4 × 2 4 × 3 in.
18	Diminishing Elbow, Socket and Spigot.
19	Diminishing Elbow, Socket and Spigot, 2nd Radius.
20	Diminishing Elbow, Double Socket.
21	Diminishing Elbow, Double Socket, and Radius.

	Sizes: 2 in. 3 in. 4 in.
22	Double Bend Socket and Spigot, 4½ in. proj.
	Double Bend Socket and Spigot, 6 in. proj.

	Sizes: 2 in. 3 in. 4 in.
22	Double Bend Socket and Spigot, 9 in. proj.
25	S Pipe, 2 Sockets, 4½ in. proj.
	" " 6 in. proj.
	" " 9 in. proj.
30	Siphon, close.
31	" open.
32	" Three-way.
33	" Four-way.
35	" Spigot Outlet.
36	" Socket Outlet.
37	" Spigot Outlet, Three-way.
38	" Socket Outlet, Three-way.
39	" Spigot Outlet, Four-way.
40	" Socket Outlet, Four-way.
41	Blank Spigot.
41a	Blank Spigot, drilled and tapped, any size up to 2 in.
42	Blank Socket.
42a	Blank Socket, drilled and tapped, any size up to 2 in.
43	Sliding Collar.
44	Double Socket.
48	H Pipe, close.
50	Branch Pipe, 2 Sockets, 1 Spigot.
51	" " 2 Spigots, 1 Socket.
52	" " 3 Sockets.
53	" " Three-way.
56	Y Pipe.
57	Branch T Pipe.

HOT-WATER PIPES AND FITTINGS

With Sockets for Caulking



HOT-WATER PIPES AND FITTINGS

With Sockets for Caulking

(Illustrations on previous page)

Sizes: 3×2 4×2 4×3

No.	
70	Diminishing T, all Sockets.
71	,, ,, Spigot Branch.
72	,, ,, Socket and Spigot Socket Branch.
73	,, ,, Spigot Branch.
75	,, Socket.
76	,, Spigot.
77	,, Pipe, Small Socket, Large Spigot.
78	,, Pipe Small Spigot, Large Socket.
79	,, Pipe, Eccentric Socket.
80	,, Pipe, Eccentric Spigot.
81	,, Pipe, Eccentric Small Socket, Large Spigot.
82	,, Pipe, Eccentric Small Spigot, Large Socket.

Sizes: 2 in. 3 in. 4 in.

85	Elbow Siphon, Socket Outlet.
86	,, Spigot Outlet.
87	,, Three-way Socket.
88	,, Four-way Socket.
89	T Pipes, Three Sockets.
90	,, Socket and Spigot Socket Branch.
91	,, Two Sockets, Spigot Branch.
92	,, Socket and Spigot, Spigot Branch.
93	,, Double Spigot, Socket Branch.

Sizes: 2 in. 3 in. 4 in.

105a	Patent Slot Throttle Valve, Socket and Spigot.
106a	Patent Slot Throttle Valve, Double Socket.
107a	Improved Diaphragm Valve, Socket and Spigot.
108a	Improved Diaphragm Valve, Double Socket.
109a	Improved Screw Sluice Valve, Socket and Spigot, Tested to High Pressure.
110a	Improved Screw Sluice Valve, Double Socket.

Sizes: 9×6 9×9 12×9 12×12 14×14 in.

114	Double Soot Door and Frame, inner Sheet Iron Door, with Brass Turnbuckle, and C.I. Key.

Sizes: 4½×3½ 6×4 9×6 9×9 in.

117	Soot Boxes.

Sizes: 2 in. 3 in. 4 in.

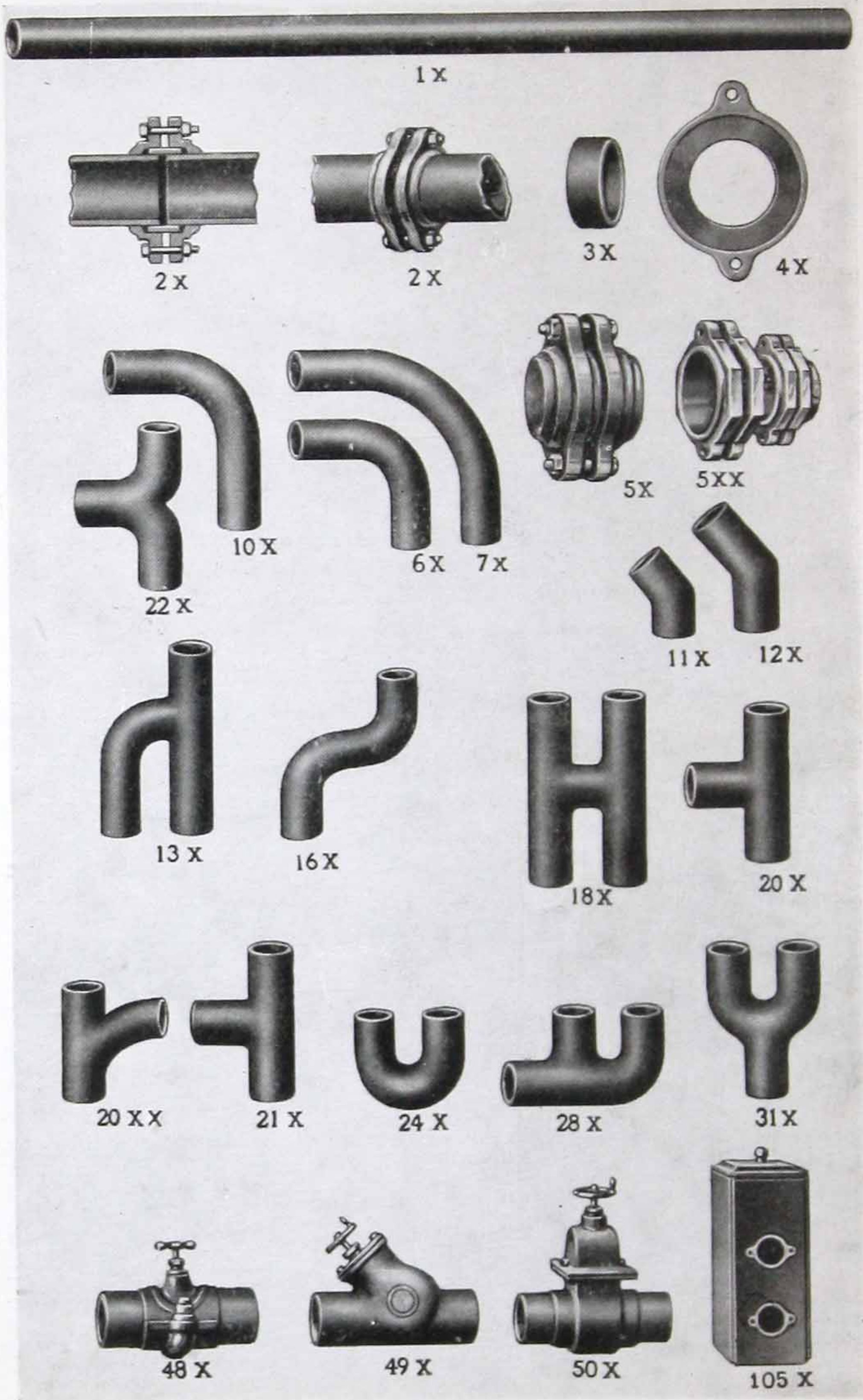
129	Pipe Stand.
133	,, for 2 Pipes.
134	,, for 3 Pipes.
142	Pipe Clips, for attaching Wrought-iron Tube to Cast-iron Pipe (untapped).
142a	Pipe Clips, Drilled tapped, any size up to 2 in.

Common Spun Yarn and Tarred Yarn. In Bundles of Approx. 28 lbs.

BAXENDALE & CO. LTD.

HOT-WATER PIPES AND FITTINGS

With Expansion Joint Connections.



MILLER STREET · MANCHESTER

HOT-WATER PIPES AND FITTINGS

With Expansion Joint Connections

(Illustrations on previous page.)

Sizes : 2 in., 3 in., 4 in.

1x Expansion Pipe, 3 ft. long.
,, ,, 6 ft. long.
,, ,, 9 ft. long.

2x Expansion Joints complete with Rubber Rings and Bolts.

3x Inner Ring.

4x Flange.

5x Blank End Joint with Rubbers and Bolts.

5xa Blank End Joint Drilled and Tapped any size up to 2 in.

Sizes : 3 × 2 in., 4 × 2 in., 4 × 3 in.

5xx Diminishing Joint.

Sizes : 2 in., 3 in., 4 in.

6x Elbow, Ordinary.

7x ,, 2nd Radius.

10x ,, lengthened 9 in. at one end.

11x Elbow, Obtuse.

12x ,, Obtuse, outside.

13x Branch Pipe.

16x Double Bend, 4½ in. projection.

Double Bend, 7 in. projection.

Sizes : 2 in., 3 in., 4 in.

16x Double Bend, 9 in. projection.

18x H Pipe, close.

20x T Pipe.

20xx Branch T Pipe.

Sizes : 3 × 2 in., 4 × 2 in., 4 × 3 in.

21x T Pipe Diminishing.

Sizes : 2 in., 3 in., 4 in.

22x Y Pipe.

24x Siphon, close.

28x ,, Elbow.

31x ,, Outlet.

48x New Throttle Valve with Movable Iron Seat.

49x Improved Screw Diaphragm Valve.

50x Improved Screw Sluice Valve tested to 60 lb. per sq. in.

105x Expansion Box and Lid with flanges, rubbers, and bolts complete, 24 in. high × 8 in. wide × 6 in. deep, capacity, 4¼ gallons.

India Rubber Rings for Expansion Joints.

Bolts and Nuts for Expansion Joints.

THE RAYBURN BOILER

NEW ! AUTOMATIC !

Domestic Hot Water and Radiators : When connected to a 30-gallon indirect cylinder the boiler can take care of up to 75 sq. ft. of radiation surface including unlagged piping.

When connected to cylinders larger than 30 gallons the amount of radiation surface is reduced proportionately, e.g., 40 gallons-up to 50 sq. ft. ; 50 gallons-up to 25 sq. ft.

Domestic Hot Water only : The boiler is suitable for connection to cylinders of from 30-60 gallons capacity.

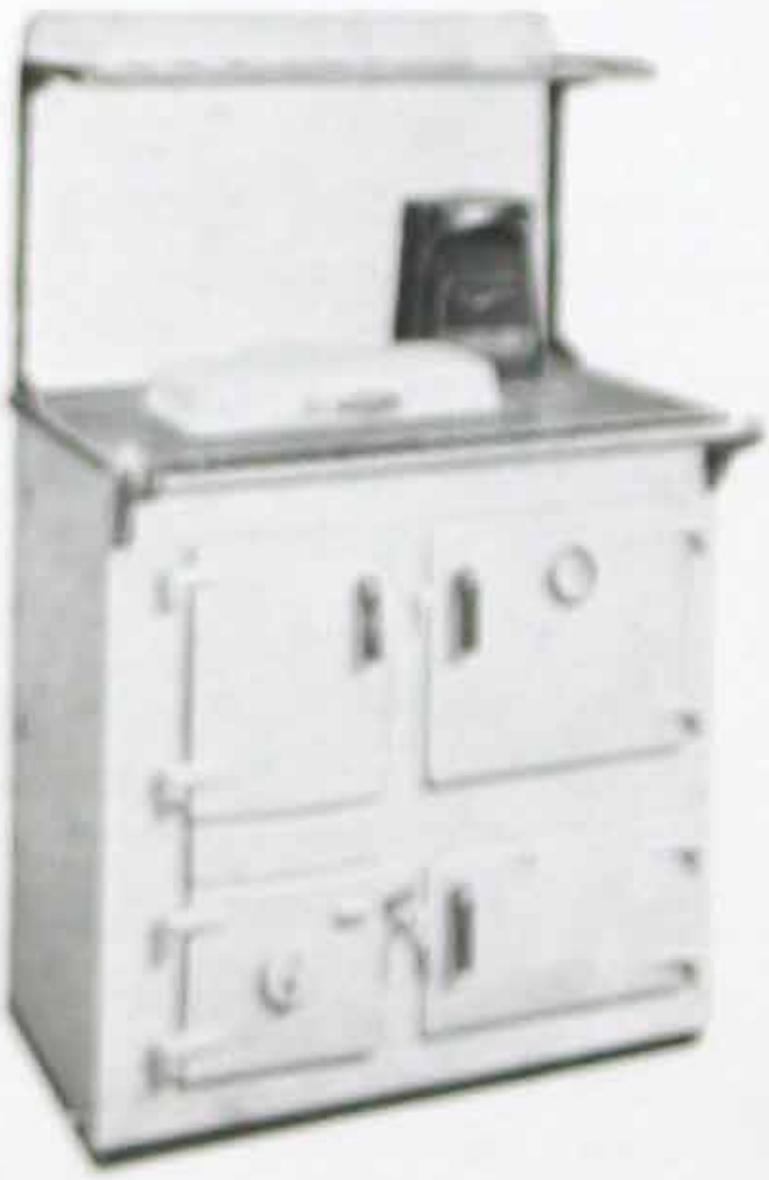
Radiators only : When used to heat radiators only, the boiler will take care of up to 150 sq. ft. of radiation surface including unlagged piping.

There is a bower barffed boiler for use in soft water areas.

Sizes : 18½ in. wide, 32 in. high and 20 in. back to front.

Cylinder Size	Fuel Capacity	Water Capacity	Tappings	Diameter of Flue Pipe
30-60 gallons	1 cu. ft.	3½ gallons	1¼ in.	4 in.

RAYBURN COOKER



Making One Appliance, One Fire, One Fuel Bill do the Two Jobs of Cooking and Water Heating.

There are various models of the Rayburn. Each with differences in detail to meet the different needs of different households. You can have a Rayburn with or without a boiler, with one oven or two. All Rayburns have the same basic design which has proved such a tremendous success.

AUTO-ACE JUNIOR

a new **Wellstood** water heater with modern thermostatic control

1. **Domestic hot water rating.** British Standard short period rating with refuelling not more than once in 2 hours is 26,000 B.Th.U's. per hour.

2. The water heater is suitable for a 35-40 gal. cylinder and one towel rail.

The Heater's capacity is as follows :

3 hot baths an hour, or

1 hot bath and 2 radiators.

Remember that this is the output *per hour* when the control is advanced. When wanted, smaller output is supplied economically.

WELLSTOOD INSULATED COOKER AND WATER HEATER

It offers a full range of cooking temperatures—for boiling, frying, simmering, roasting, baking and slow cooking—plus a constant supply of hot water.

Ovens are on right hand only. Boiler tappings can be supplied on either hand.

IDEAL DOMESTIC BOILER

No. 0-DE

For Hot Water Supply

Water Contents	Height to top plate A	Height to centre of flow B	Height to centre of return C
galls. 2.7	in. 22¾	in. 18	in. 11¼

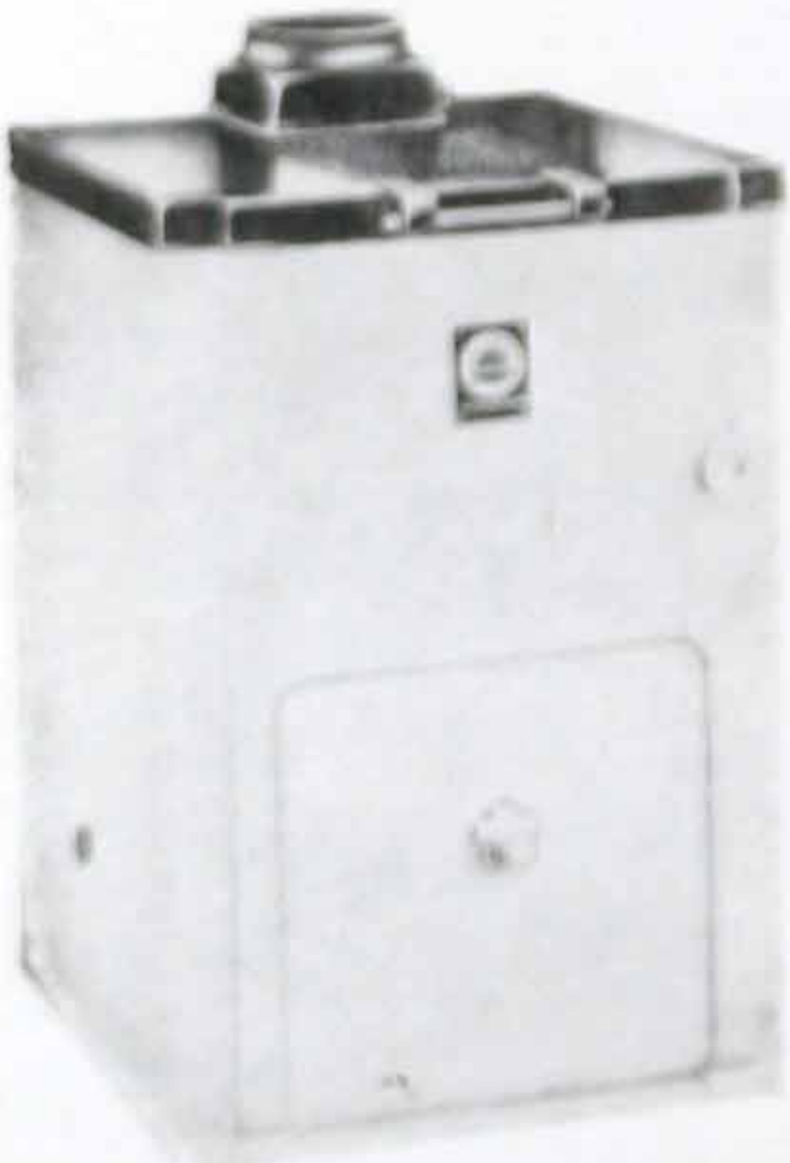
Number and Size of *Tappings in cleanout cover at back		Clean out opening at back
Flow	Return	
in. 1—1¼	in. 1—1¼	in. 1—8 × 6½

In Grey Mottle or Cream Enamel.

* Boilers with Bower-barffed firepots supplied with 1-in. Flow and Return tappings unless otherwise ordered. Side tappings can be provided at extra charge (1¼-in. R.H. or L.H. ; Bower-barffed 1-in. R.H. or L.H.)

Ratings—Fuel Capacity 0.6 cu. ft. Hot Water Supply only ; B.T.U. per hour, 20,000. Gallons per hour : 40°—120°, 25, 40°—140°, 20. Approx. Tank Size 25—30 galls.

IDEAL No. 1 "AUTOCRAT" DOMESTIC BOILER



Thermostatic Control supplied as standard with boiler. Operated by a small Control Knob positioned right-hand side of front panel.

Height, floor to top plate A	Height to centre of flow tapping B	Height to centre of return tapping C
in. 25¾	in. 21¼	in. 14½

*Tapping in clean-out cover at back		Clean-out opening at back
Flow	Return	
in. 1¼	in. 1¼	in. 8 × 6½

* Boilers with Bower-barffed firepots supplied with 1 in. Flow and Return tappings unless otherwise ordered.

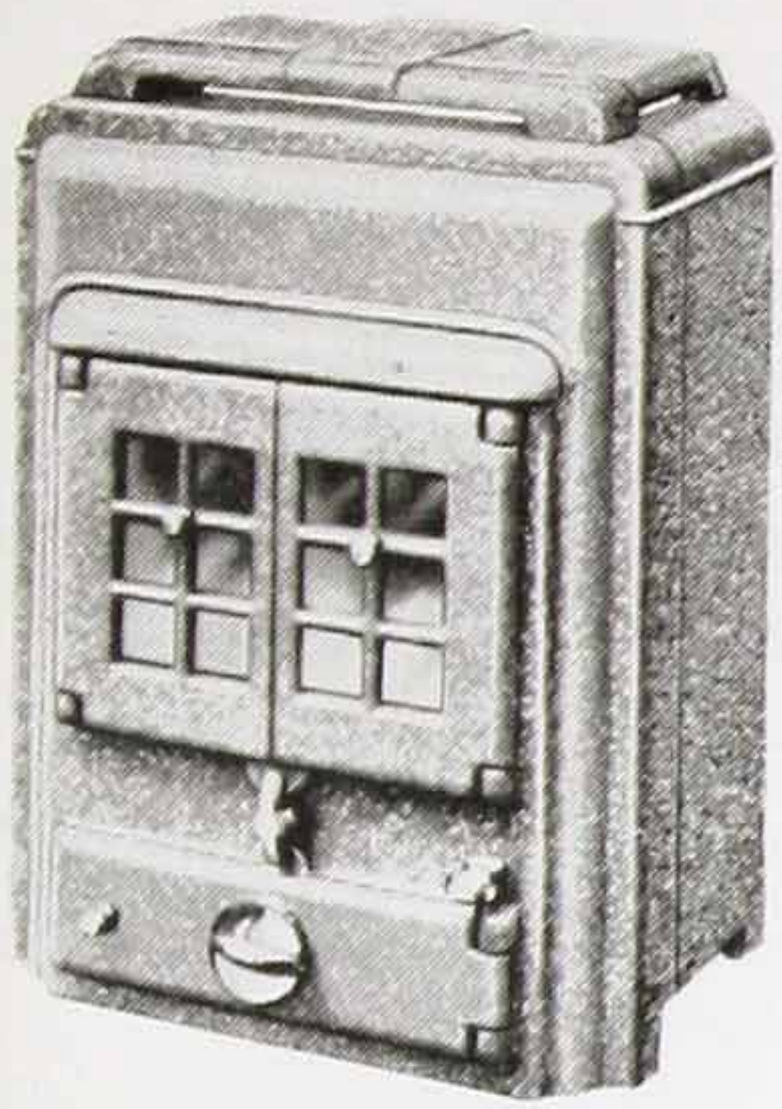
Hot Water Supply only ; B.T.U. per hour, 25,000.
Gallons per hour 40°—120°, 31 40°—140°, 25
Water Contents 2.7 galls. Fuel Capacity 0.6 cu. ft. Approx. tank size 30–40 galls.

Boiler is dispatched assembled ready for installation.

Finished in Black and Cream Vitreous Enamel, with jacket Cream Stove Enamelled. The Set of Stoking Tools consists of Shovel, Straight Slice Bar and a combined, Rocking Lever and Lifter.

BAXENDALE & CO. LTD.

HEATING STOVES



"VESPER II" STOVE

Vitreous Enamelled Finish

Heating Capacity (approx.) 3,000 cu. ft.

Can be fitted with a back boiler for ordinary domestic requirements

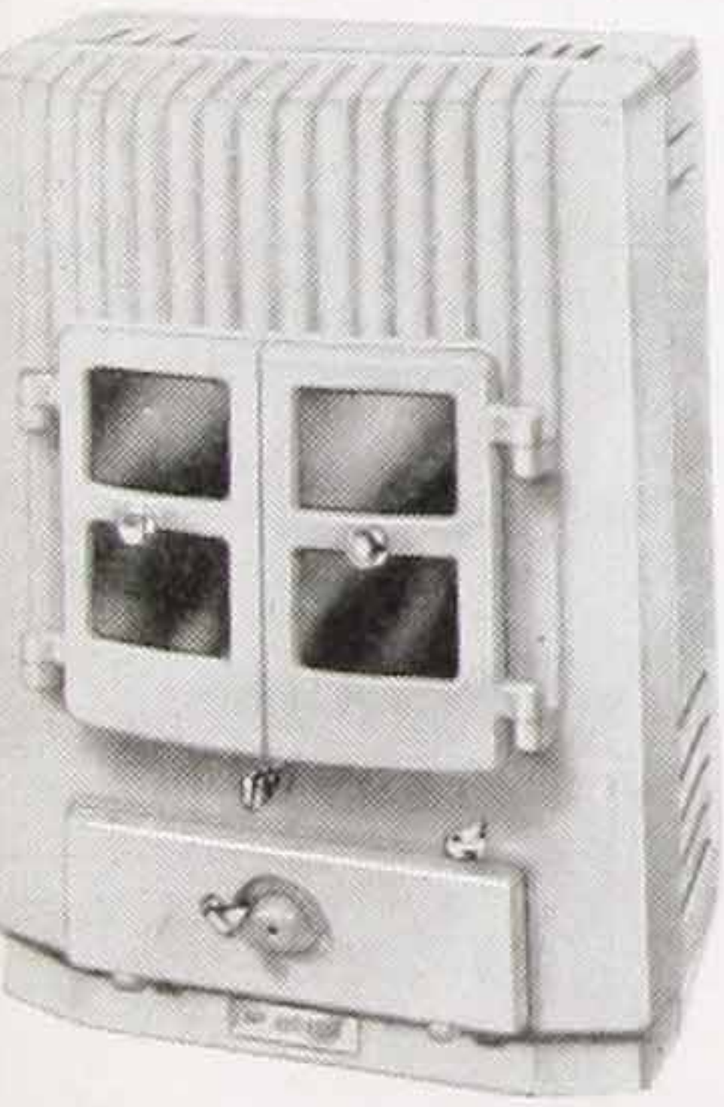
"COURTIER" STOVE

R Design

No. 2R, 4R, 6R, 8R, 10R.

Average Heating Capacity (cu. ft.) 1,400, 2,400, 3,500 5,000, 6,500

No. 6R, 8R, 10R can be supplied with boilers



"ESSE" STOVE

No. 450

Vitreous Enamelled Finish

Can also be supplied with boiler for domestic use

Average Heating Capacity 3,000 cu. ft.

LIVERPOOL · EDINBURGH · DUBLIN

SHEET GLASS

Sheet Glass can be supplied in stock sizes for cutting purposes, or in squares cut to customers' sizes ready for glazing.

Standard weights are : 18 oz., 24 oz., 26 oz. and 32 oz. to the square foot ; but for special purposes, sheet glass may be obtained either thinner or thicker than the above. For instrument glasses, etc. : two thicknesses are available, i.e., 1.2-1.5 mm. and 1.5-1.8 mm., corresponding to 9-12 oz. and 12-15 oz. respectively. In the thicker substances, $\frac{3}{16}$ in. and $\frac{1}{4}$ in. are available.

In 26 oz. and 32 oz. weights, sizes up to 84 in. long or 48 in. wide are usually available from stock.

STOCK: In cases and crates containing 300 ft. of 18 oz., 200 ft. of 24 oz., 26 oz. and 32 oz., usually 62 in. × 42 in.

CUT SIZES: We appreciate the importance of exact cutting, and take special precautions to ensure accuracy. This, combined with our exceptional motor delivery arrangements, provides an attractive service for our customers.

HORTICULTURAL GLASS

We hold large stocks of all the standard sizes in boxes containing 200 square feet. Other sizes and quantities can be arranged for at short notice,

---

COLOURED SHEET GLASS

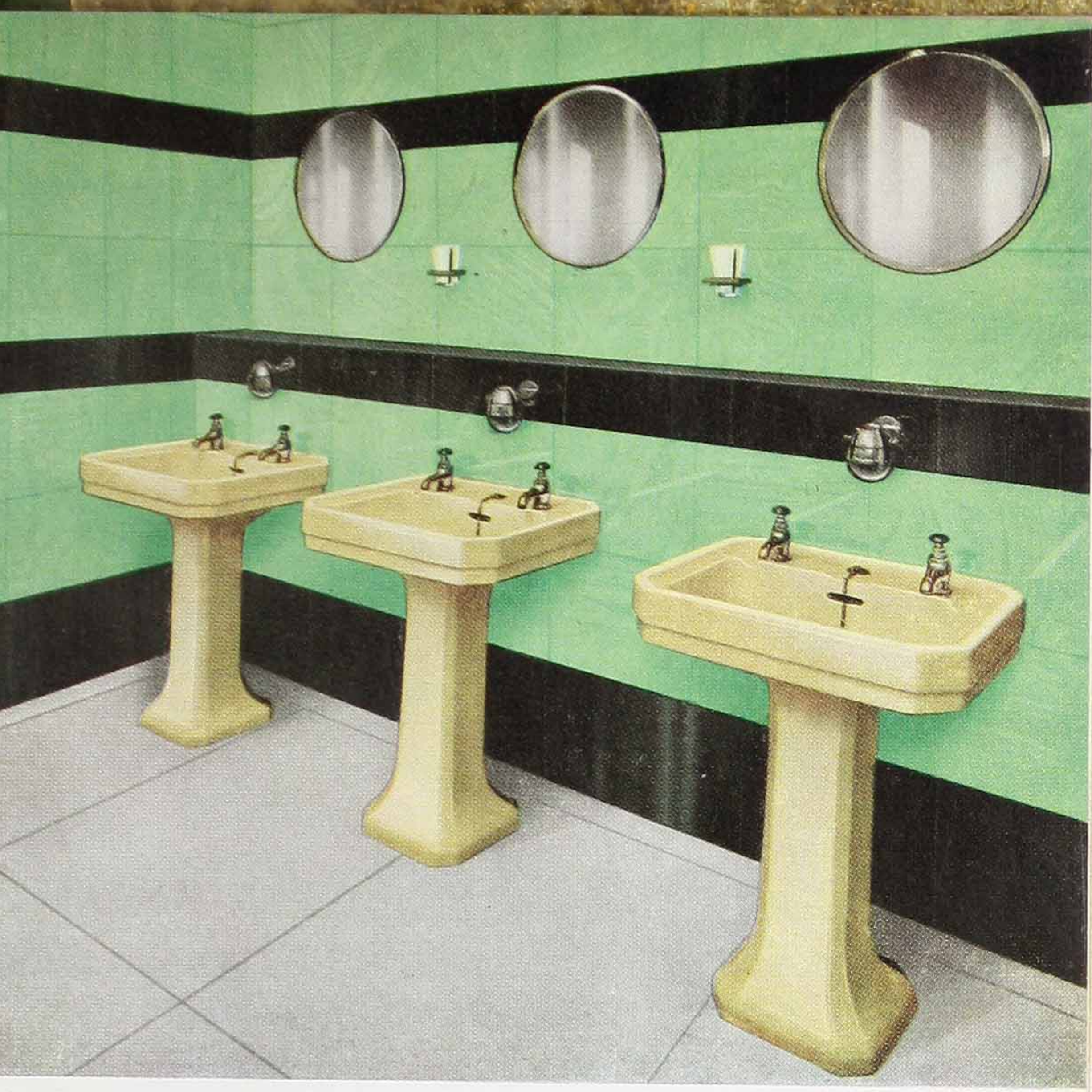
Usual colours always in stock—Ruby, Blue, Green, Signal Green, in 15 oz. or 21 oz.

OPAL

Flashed opal on clear sheet and pot opal are available, 15 oz., 21 oz., 26 oz. and 32 oz. Can also be supplied in flashed opal on certain colours, or certain colours flashed on Pot Opal.

FLUTED SHEET

Available in 21 oz. in sheets or squares.



These walls glazed with Vitrolite in standard Ashlar Panels and fixed with Mastic can be seen in our Miller Street Warehouses.

VITROLITE GLASS

VITROLITE is an opaque glass having a natural fire-polished surface which is hard, non-absorbent and easily cleaned. It can be fixed with a minimum of labour to almost any surface which is strong enough to carry its weight. **Made in a variety of brilliant colours,** its use is desirable wherever a clean, hygienic, and permanent surface is required.

COLOURS. The following page gives a range of the most popular tints.

NOTE.—The exact shade cannot be guaranteed, and may be either lighter or darker as one melting always varies a little from another.

THICKNESS. All the colours shown are obtainable in $\frac{5}{16}$-in. substance. Black and White only are also available in $\frac{7}{16}$-in.

SIZES. Stock size sheets are manufactured in sizes 120 in./144 in. long and 50 in./60 in. wide. These can readily be cut to any desired size. For Wall-lining work, special Standard Ashlar sizes have been arranged.

(Continued on page 313)

VITROLITE GLASS

FOR WALL-LININGS, SHOP-FRONTS,
TABLE-TOPS, SHELVES, SPLASHBACKS, ETC.

PRIMROSE

TURQUOISE

GREEN

IVORY

PEARLGREY

EGGSHELL

GREEN AGATE

CREAM

CAN ALSO BE SUPPLIED
IN BLACK OR WHITE

VITROLITE GLASS

SIZES (*continued from page* 311.)

These are prepared with accurate flat ground edges, forming a handy and economical method of using the glass. Sizes are 15 in. × 10 in., 15 in. × 15 in., 18 in. × 12 in., and 21 in. × 14 in.

FIXING. Vitrolite is easy, clean, and more rapid to fix than tiles. Surfaces to which the glass is to be fixed must be rendered non-absorbent by the use of a special Sealing Agent, and fixing is done with a special type of Mastic. Vitrolite can be cut to shape, drilled, bent, and worked in much the same way as ordinary glass; edges can be finished, and the surface can be matted or sandblasted for decorative effects. Full fixing information will be given on request.

A FEW USES. For Wall-Linings in bathrooms, lavatories, kitchens, larders, corridors, operating theatres, hairdressing saloons, cafes, restaurants, butchers' and fishmongers' shops, dairies, and for the exterior of buildings generally. For shelves, display fittings, shop window fixtures, table and counter tops, protective coverings for mantelboards, window bottoms, and finger plates. For decorative work on exterior of shops, cinemas and hotels, as fascias, name plates, pilasters and risers.

We shall be pleased to quote prices on receipt of a specification.

TRIPLEX (Regd.) SAFETY GLASS

TripleX Laminated Safety Glass. We have installed plant at our Works, and are able to offer customers TripleX Safety Glass from stock. In normal times replacements can be supplied at very short notice, and for ordinary sizes frequently while messenger waits. It can be cut, worked, and drilled like ordinary glass.

As a laminated Safety Glass, TripleX is the outstanding make, and we offer this in preference to cheaper productions with the utmost confidence.

The Manufacturers' guarantees are fully operative for all glass from our stocks.

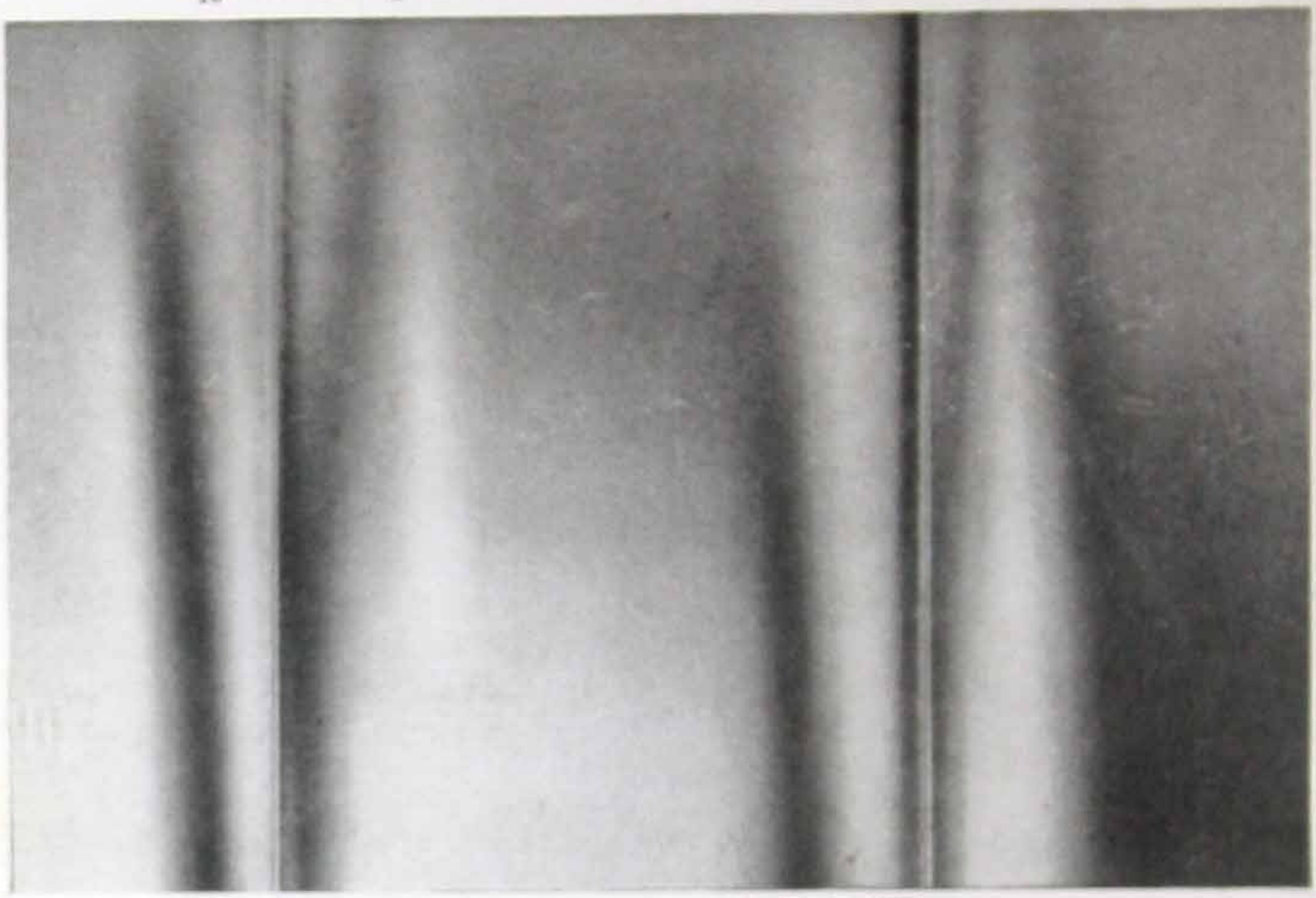
TripleX Toughened Safety Glass is a plate glass treated to increase its strength and resistance to heat and fracture. This has to be manufactured specially to the required sizes, and can only be obtained some few days after receipt of order.

No drilling, cutting or after-process can be carried out after the glass is once made.

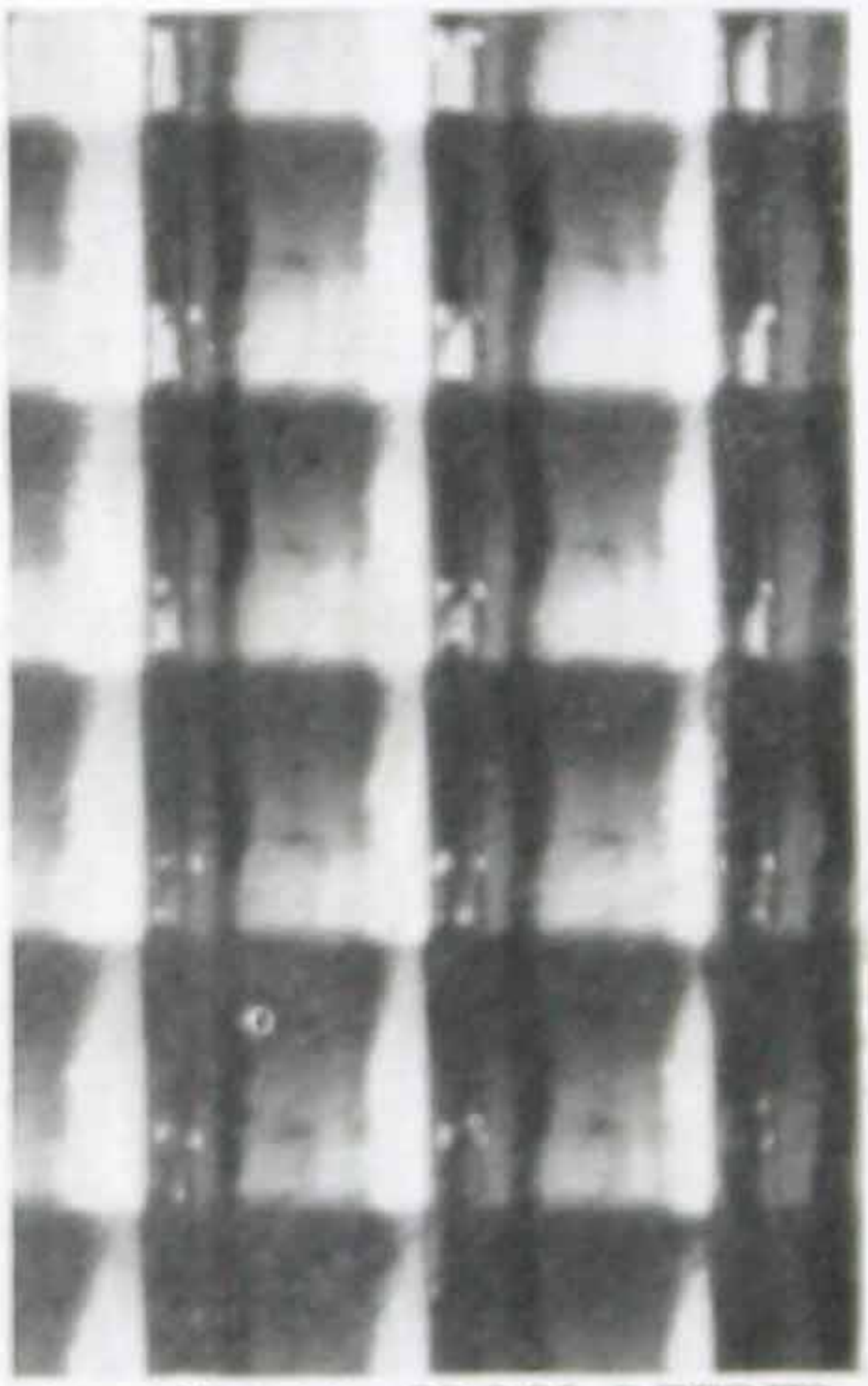
Both the above Glasses conform with the Road Transport Act definition of Safety Glass.

REEDED GLASSES

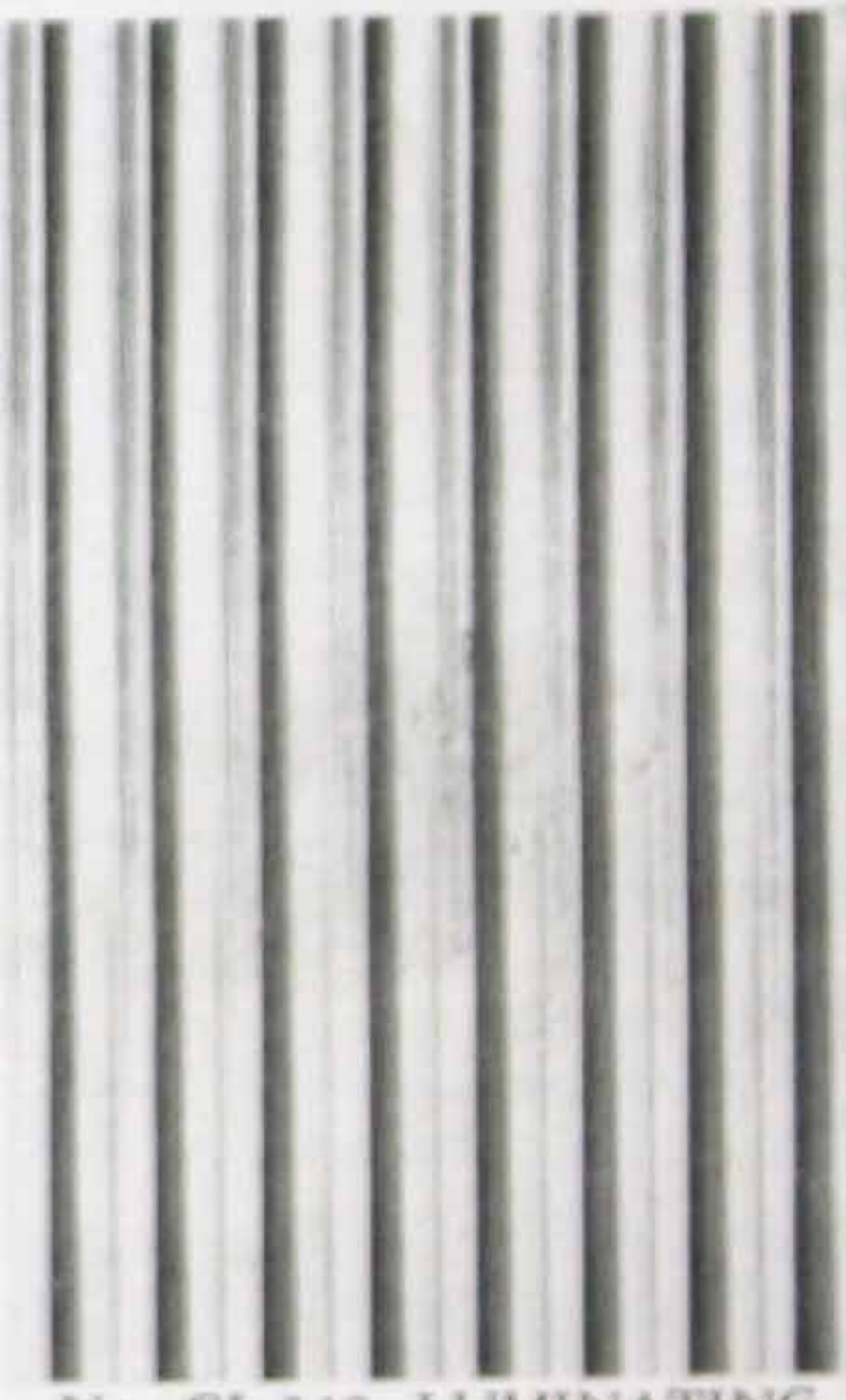
Figured Rolled Patterns average $\frac{1}{8}$-in. thick, but some patterns obtainable $\frac{3}{16}$-in. and $\frac{1}{4}$-in. thick can be made by arrangement.



No. GL 313. MAJOR REEDED



No. GL 311. CROSS REEDED



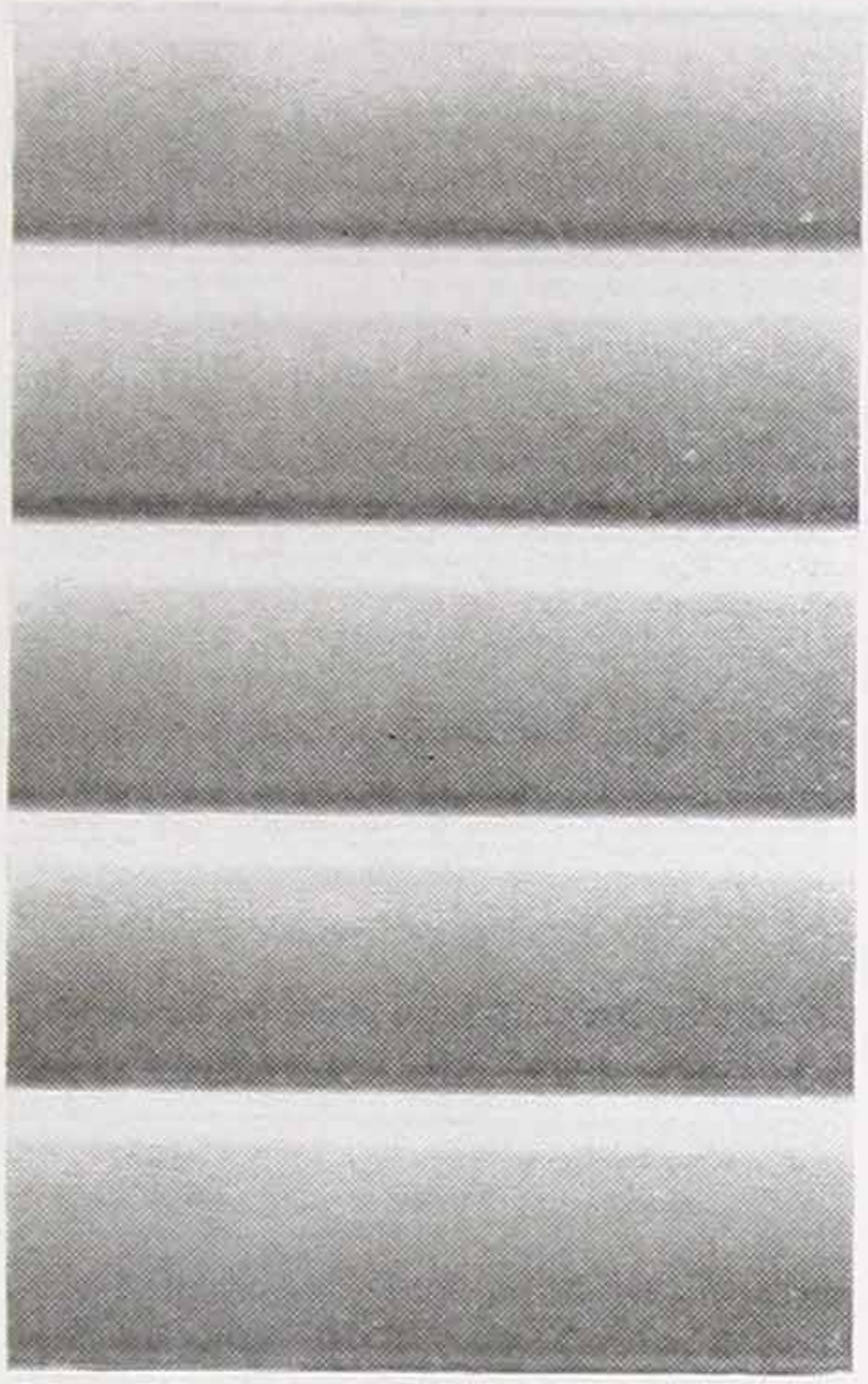
No. GL 312. LUMINATING

Made in White only. *Illustrations show actual size of pattern.*

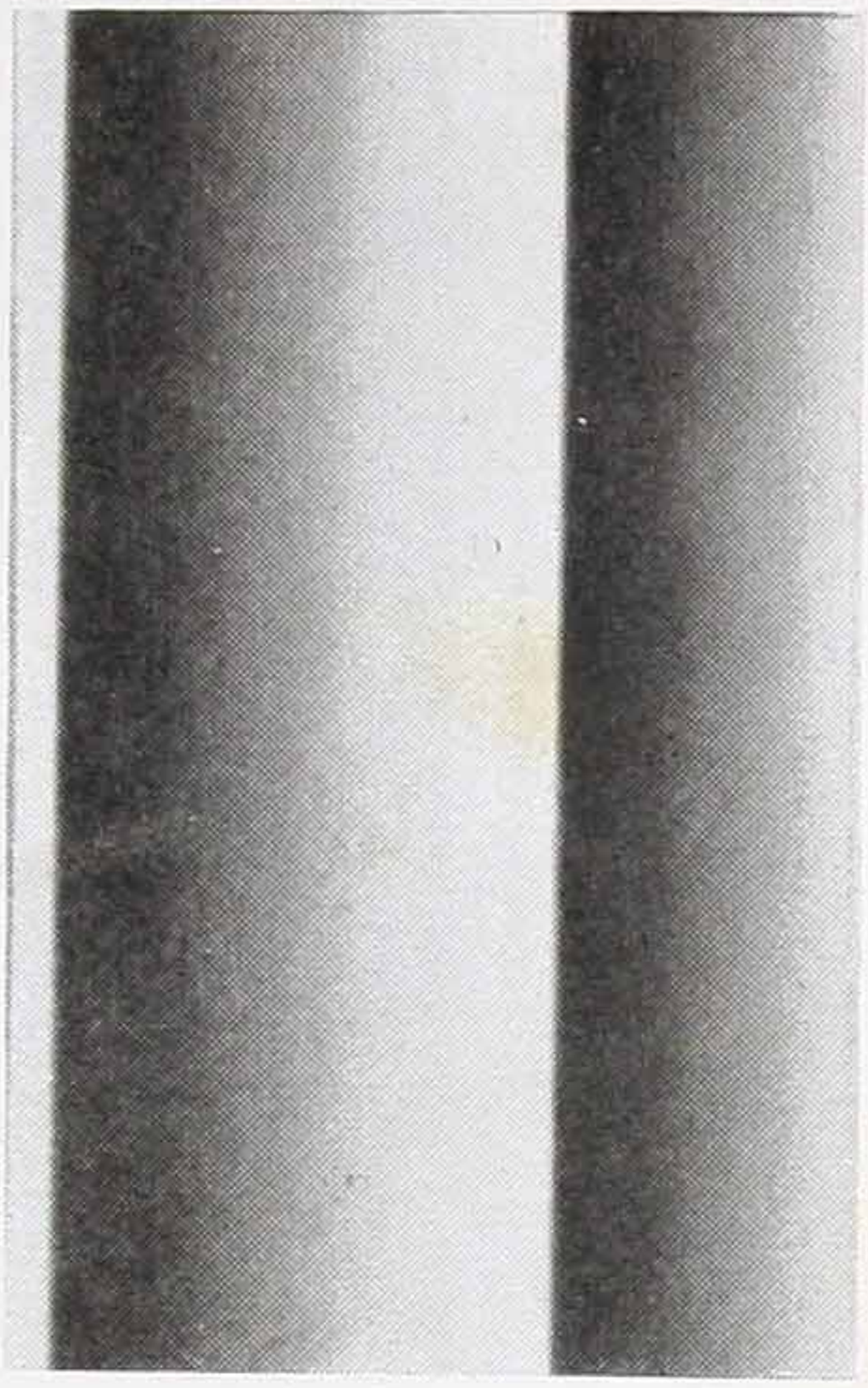
When ordering reeded glasses please state height and width, and say whether the reeds are to be horizontal or vertical. If the reeds in adjacent squares are to line up, this should also be stated.

REEDED GLASSES

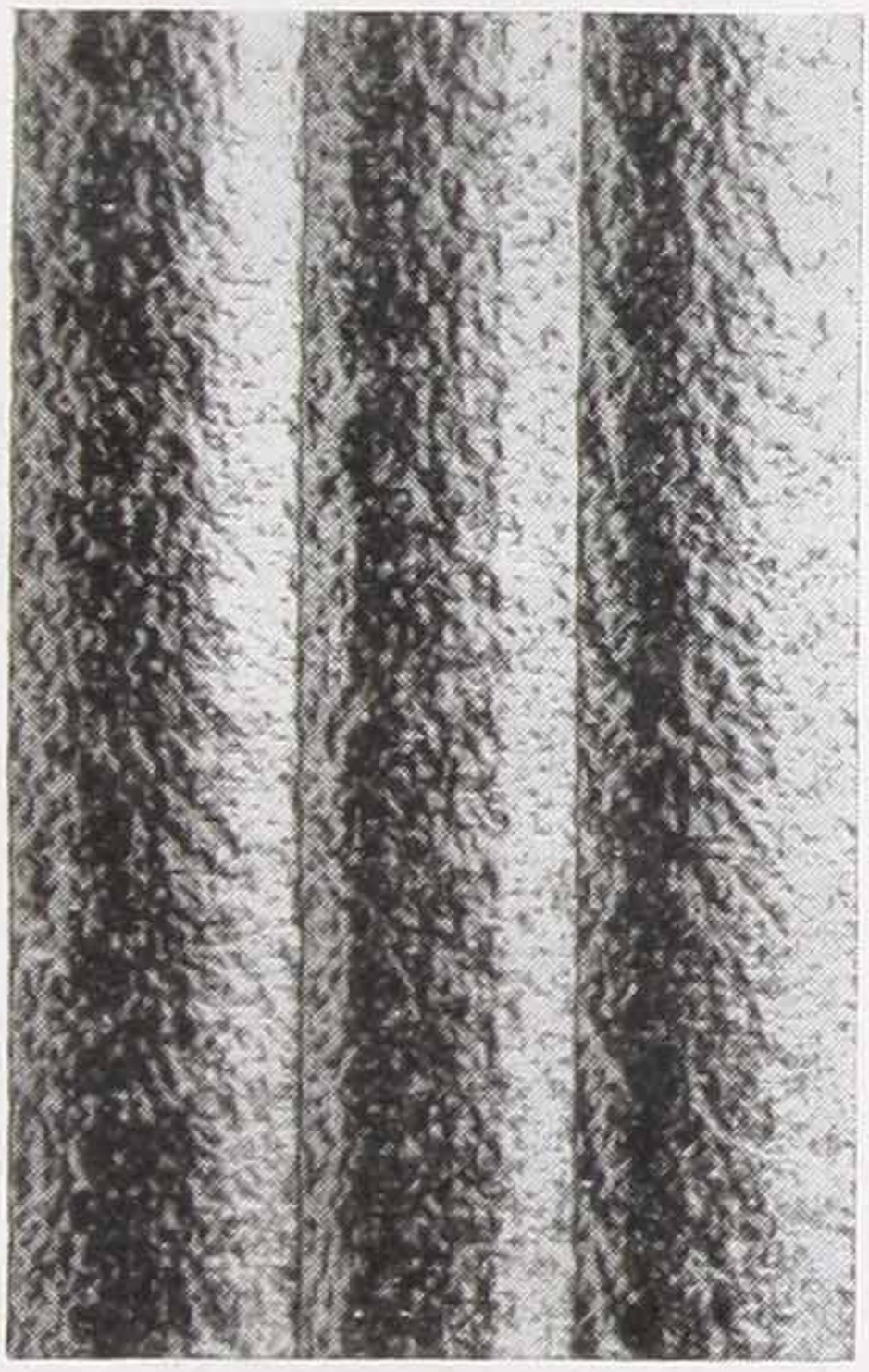
Figured Rolled Patterns average $\frac{1}{8}$ in. thick.



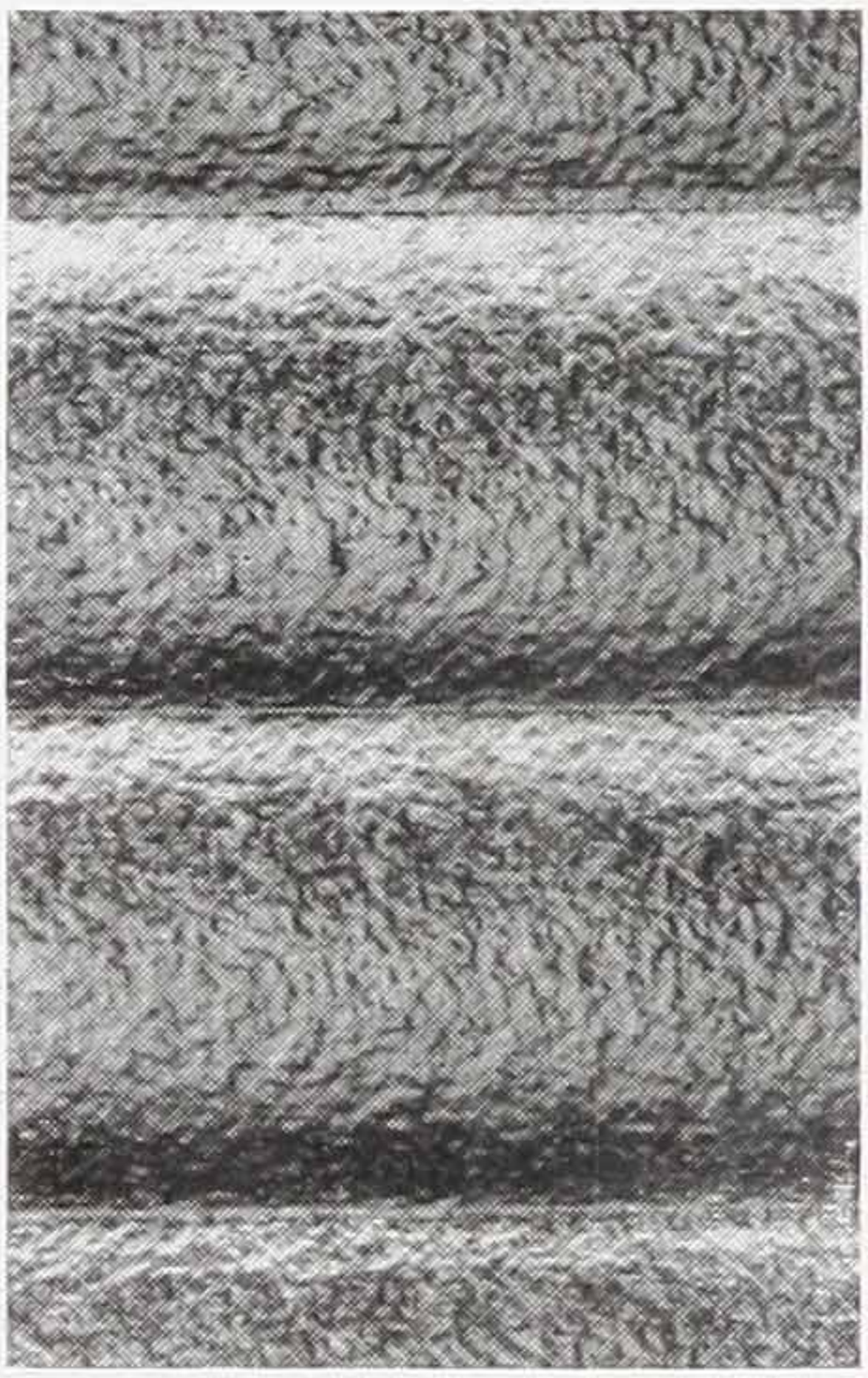
No. GL 307. NARROW REEDED



No. GL 308. BROAD REEDED



No. GL 309. NARROW REEDLYTE



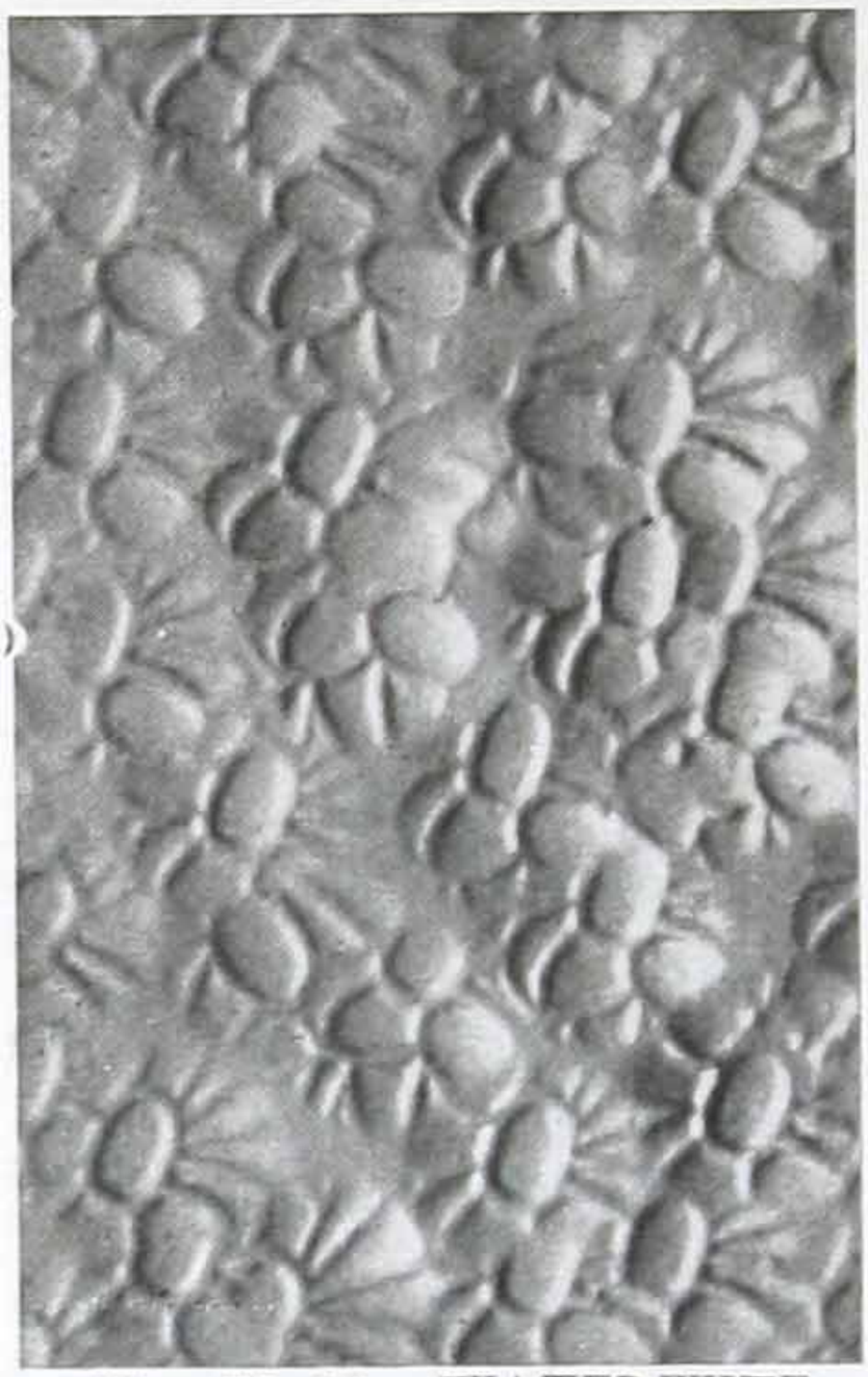
No. GL 310. BROAD REEDLYTE

Made in White. *Illustrations show actual size of pattern.*

When ordering reeded glasses please state height and width, and say whether the reeds are to be horizontal or vertical. If the reeds in adjacent squares are to line up, this should also be stated.

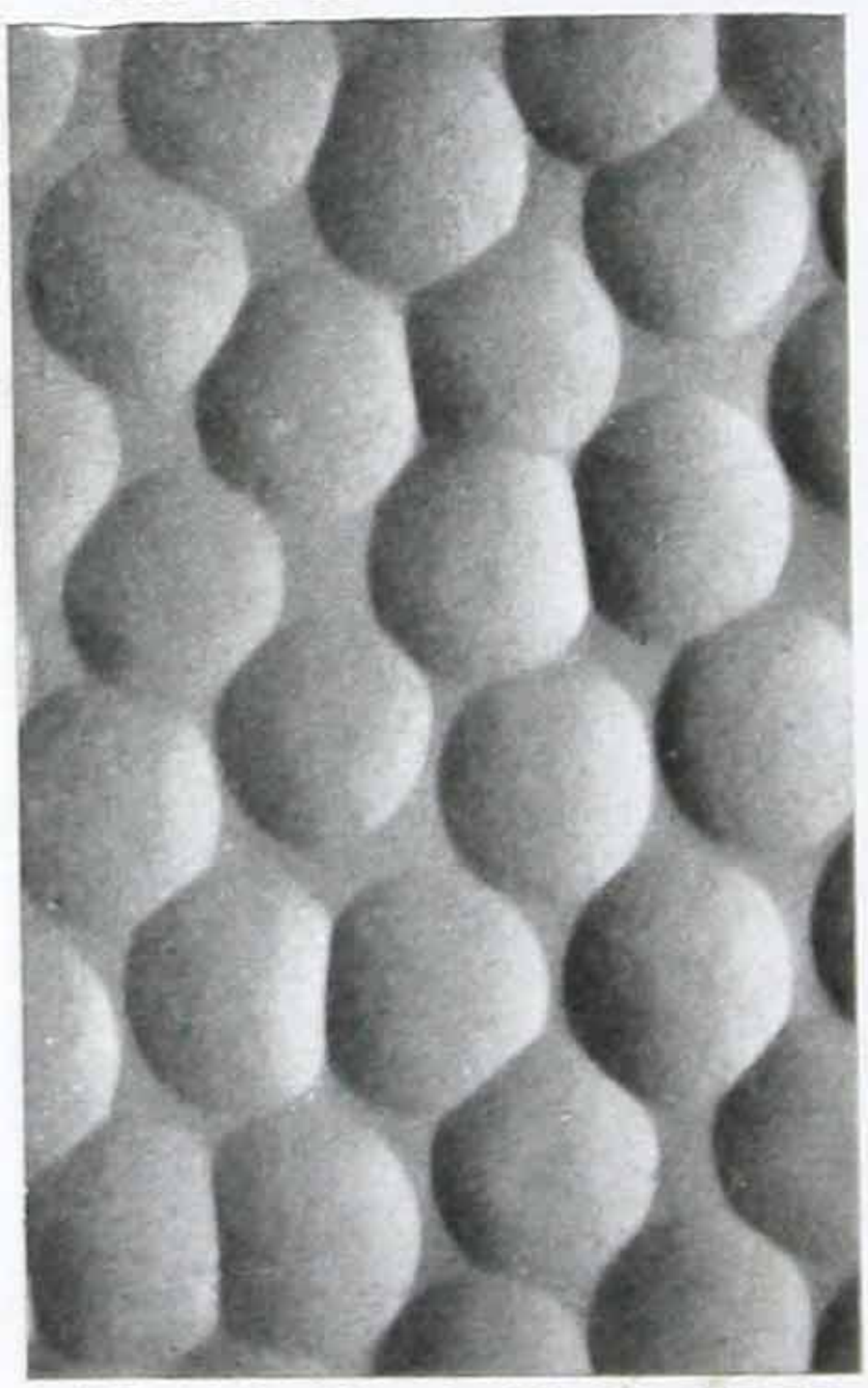
CATHEDRAL GLASS

The following illustrations give some idea of the more popular Cathedrals. There are, however, a number of other types not so heavily marked, and which do not allow of illustration, but which are carried in stock.

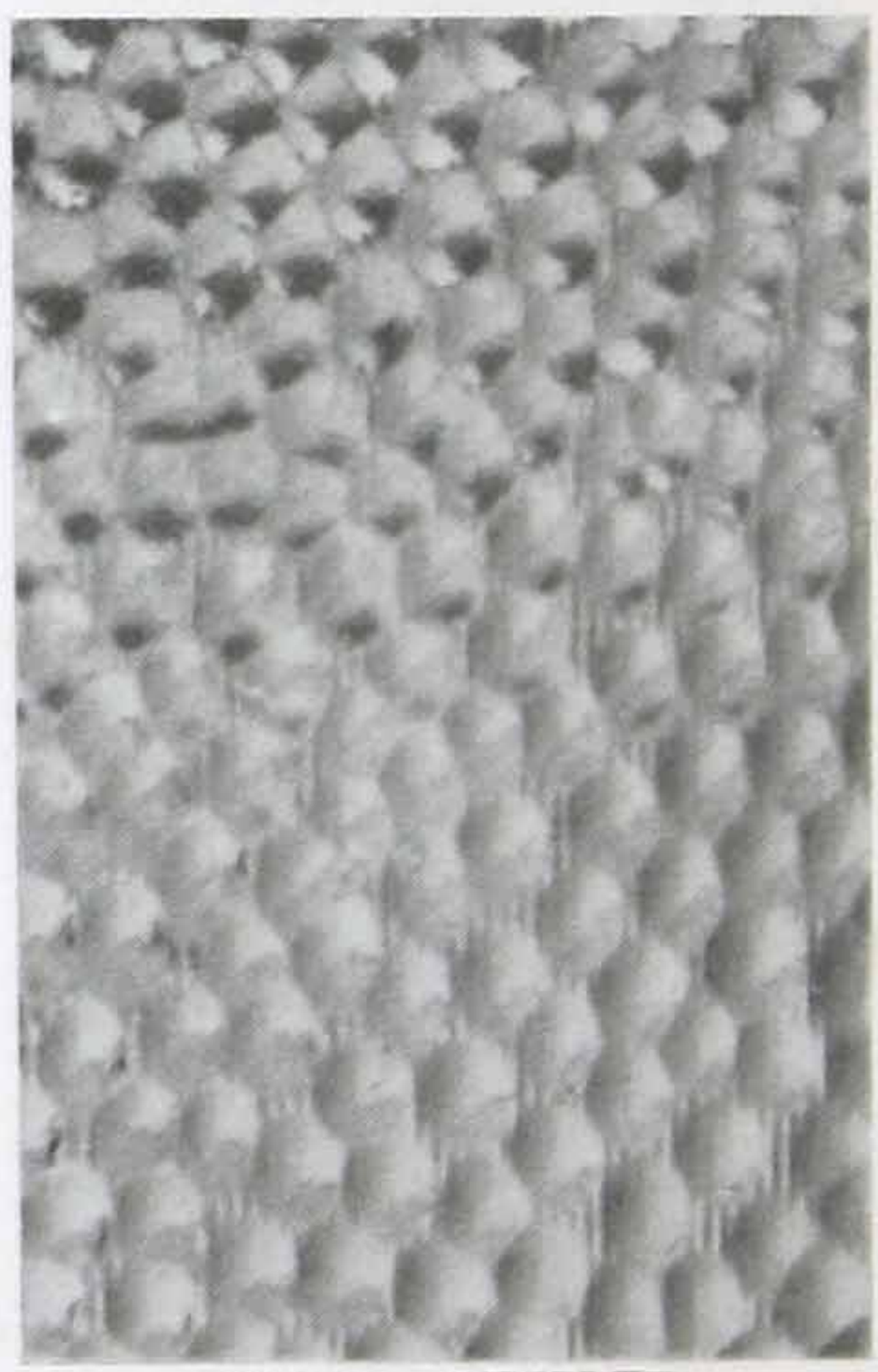


No. GL 85. WATERWITE

GL 315 ROUGH CATHEDRAL



GL 104 No. 2. HAMMERED



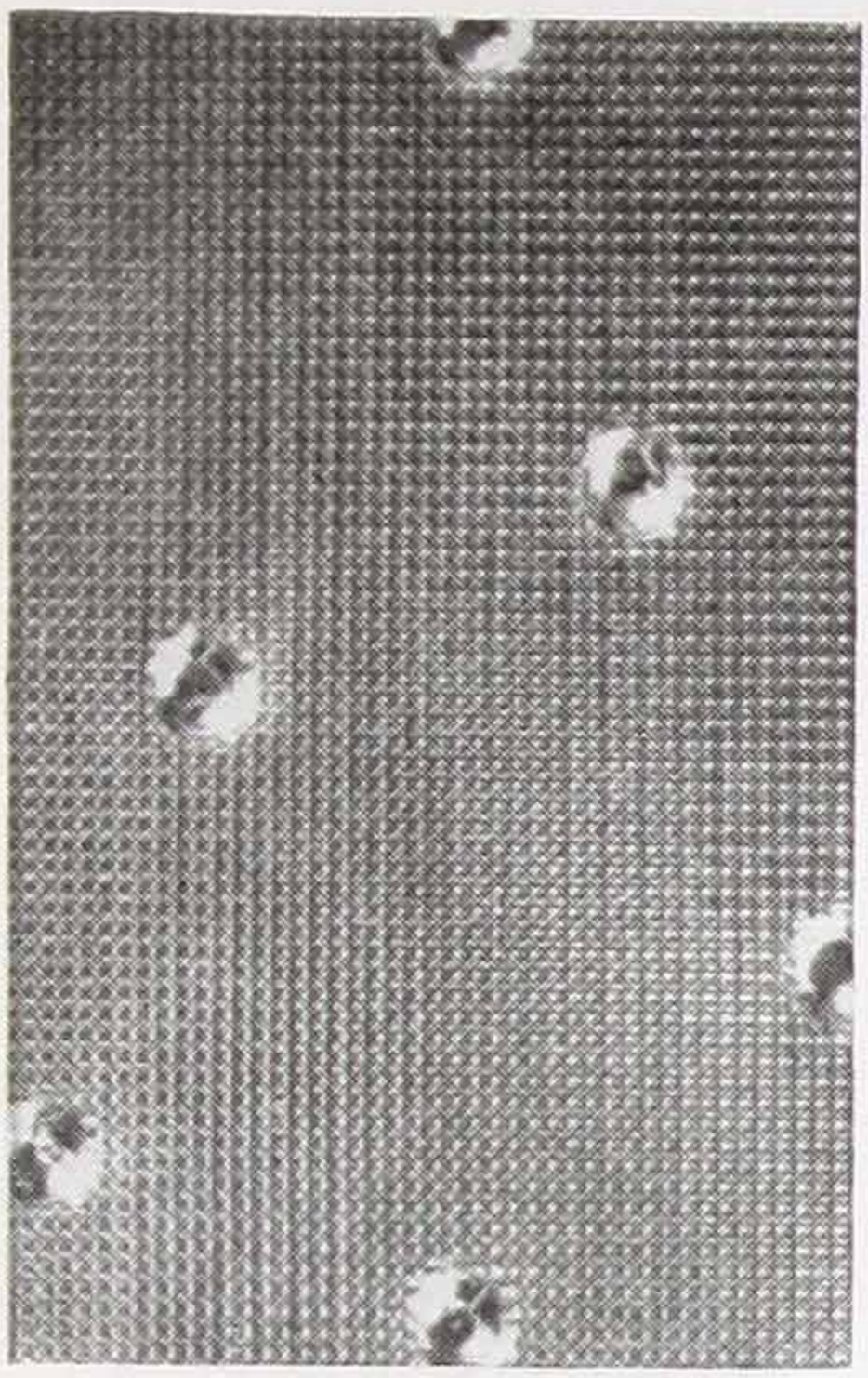
GL 316 RIMPLED

Illustrations show actual size of pattern.

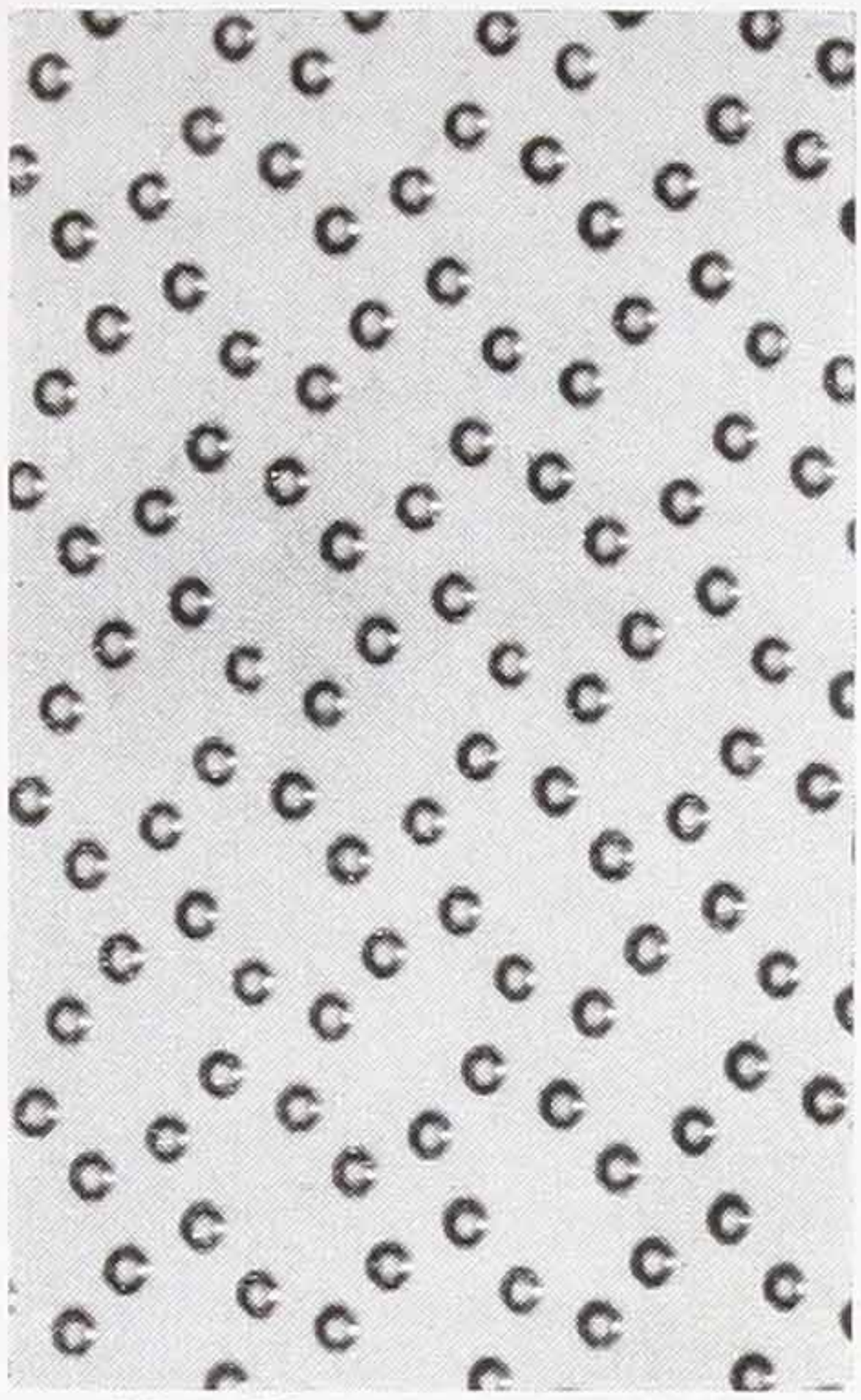
Cathedrals average rather less than ⅛-in. thick.
Made in White, Green, Pink, Blue and Yellow.

FIGURED ROLLED GLASS

Figured Rolled Patterns average $\frac{1}{8}$ in. thick, but for special purposes $\frac{3}{16}$ in. and $\frac{1}{4}$ in. thick can be made by arrangement

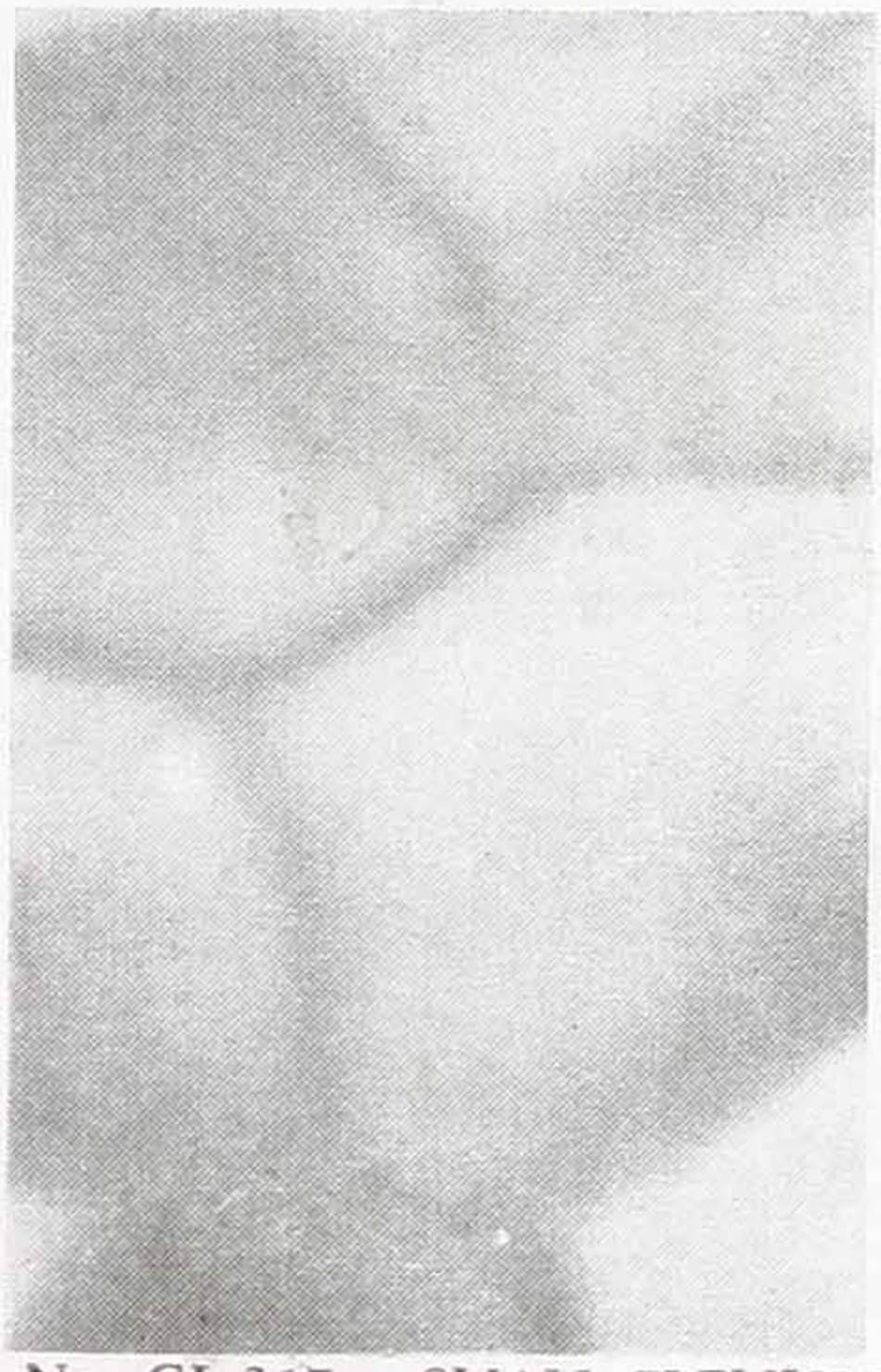


No. GL 303. SPOTLYTE



No. GL 304. FESTIVAL

No. GL 115. MURANESE



No. GL 317. SMALL FLEMISH

Made in White. *Illustrations show actual size of pattern.*

Many patterns can be obtained in Green, Pink, Blue, and Yellow.

FIGURED ROLLED GLASS

Figured Rolled Patterns average $\frac{1}{8}$ in. thick, but for special purposes $\frac{3}{16}$ in. and $\frac{1}{4}$ in. thick can be made by arrangement.

No. GL 103. LARGE FLEMISH
Can also be supplied in small pattern.

No. GL 305. MERSEY

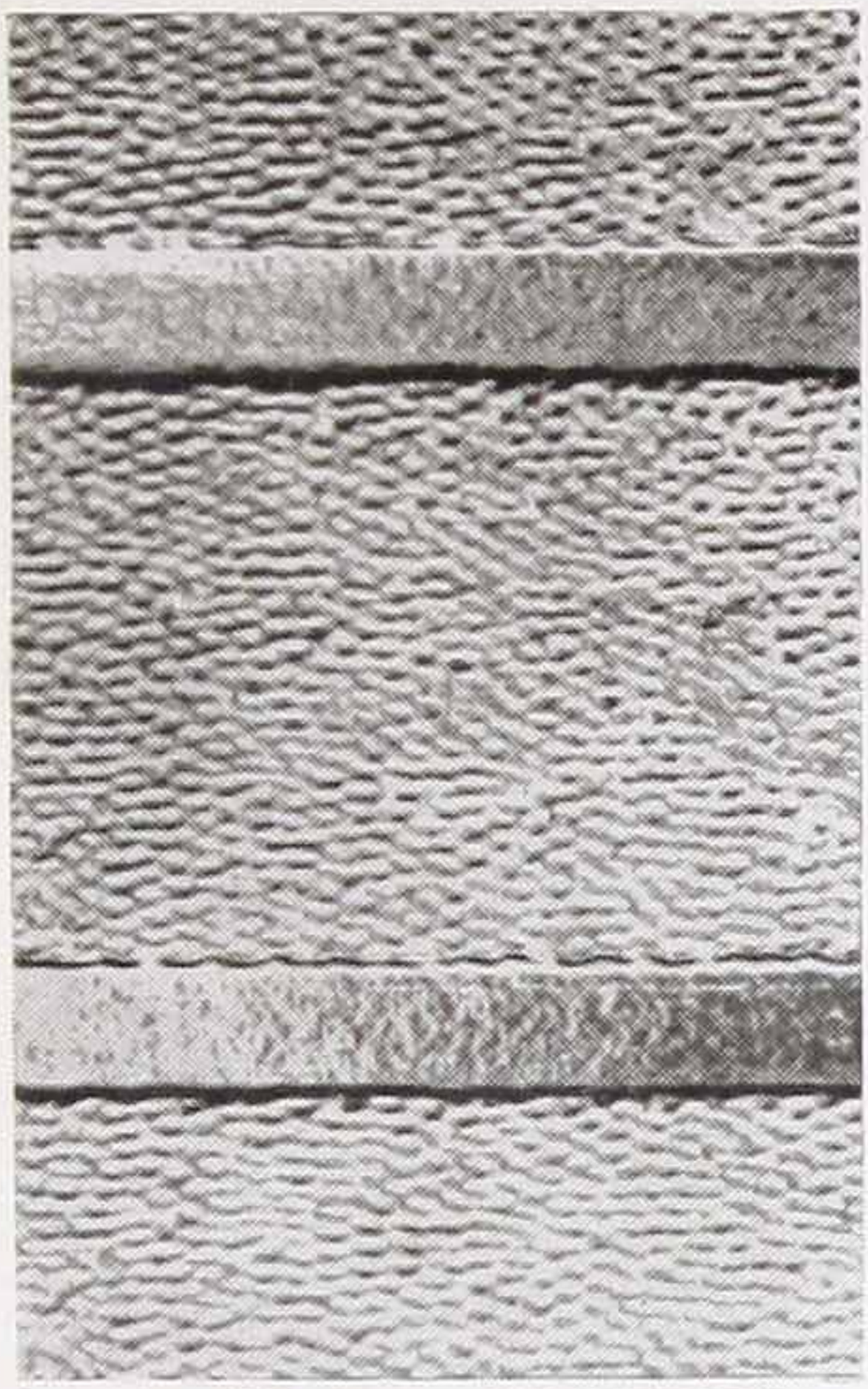
No. GL 105. STIPPOLYTE

No. GL 306. ARGENT

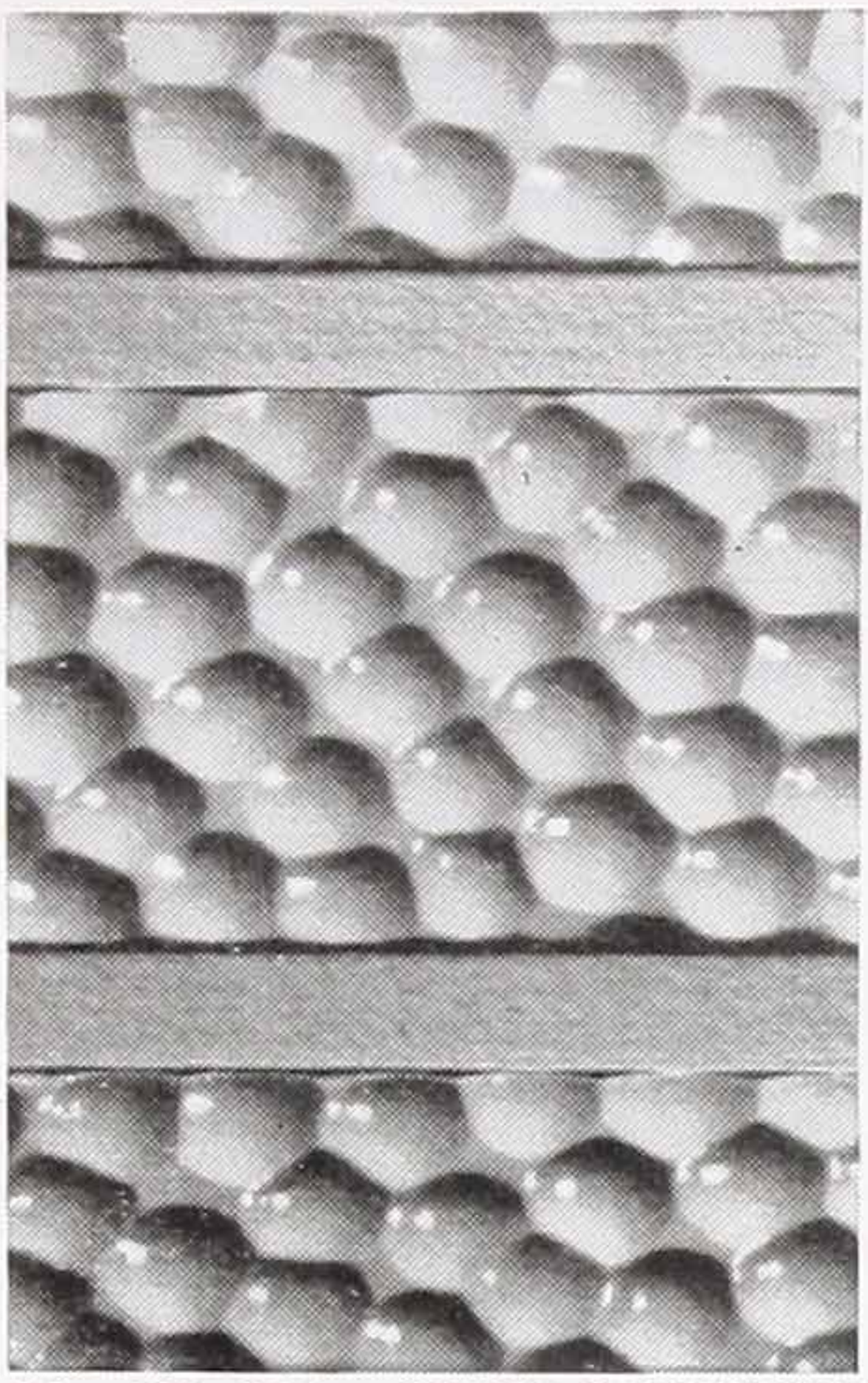
Made in White. For Argent see Note on page 314 about height and width
Many patterns can be obtained in Green, Pink, Blue, and Yellow.

FIGURED ROLLED GLASS

Figured Rolled Patterns **average** $\frac{1}{8}$-in. thick, but for special purposes $\frac{3}{16}$-in. and $\frac{1}{4}$-in. thick can be made by arrangement.

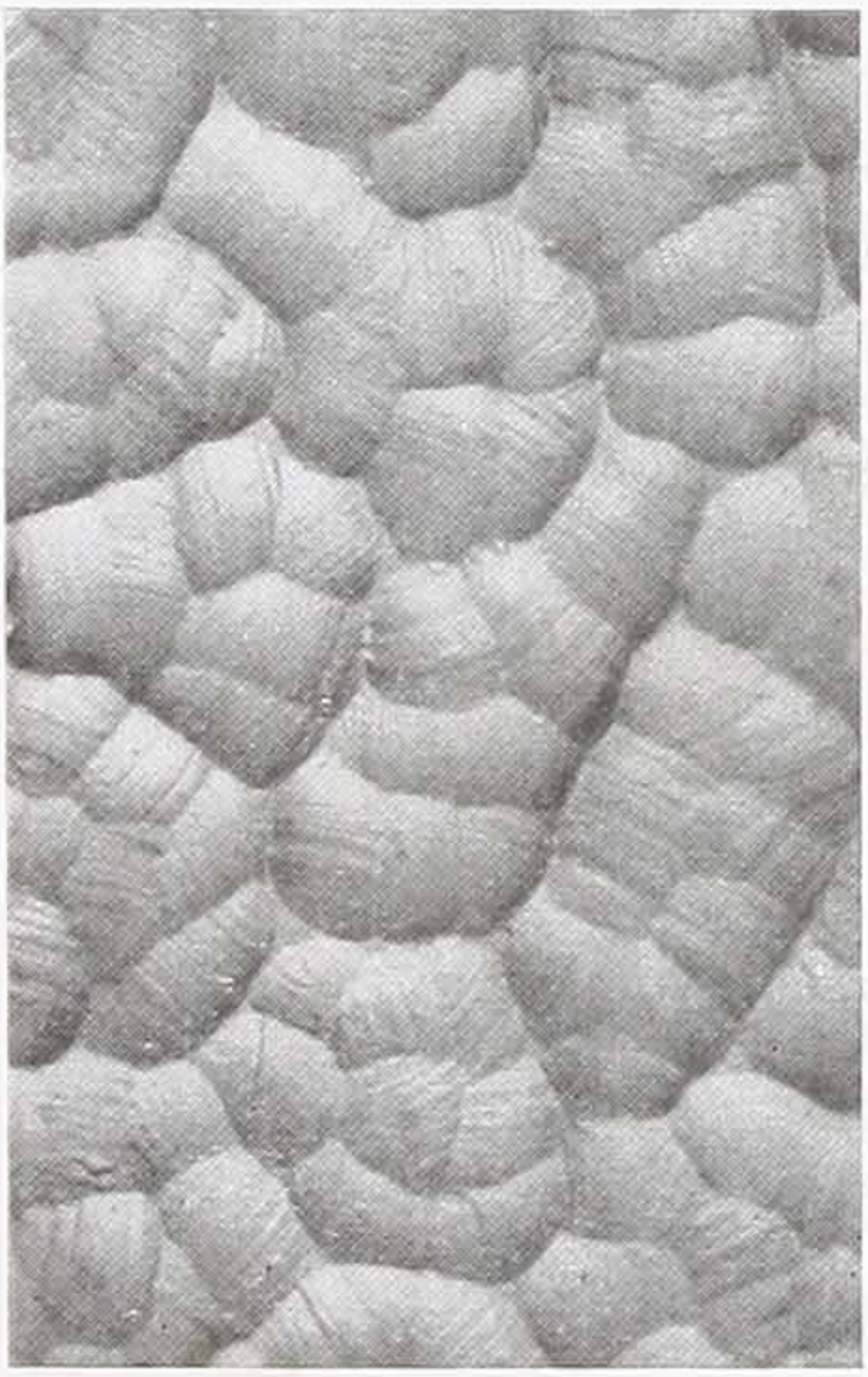


No. GL 301. PINSTRIPE



No. GL 302. HAMMERSTRIPE

No. GL 123. LARGE ARCTIC



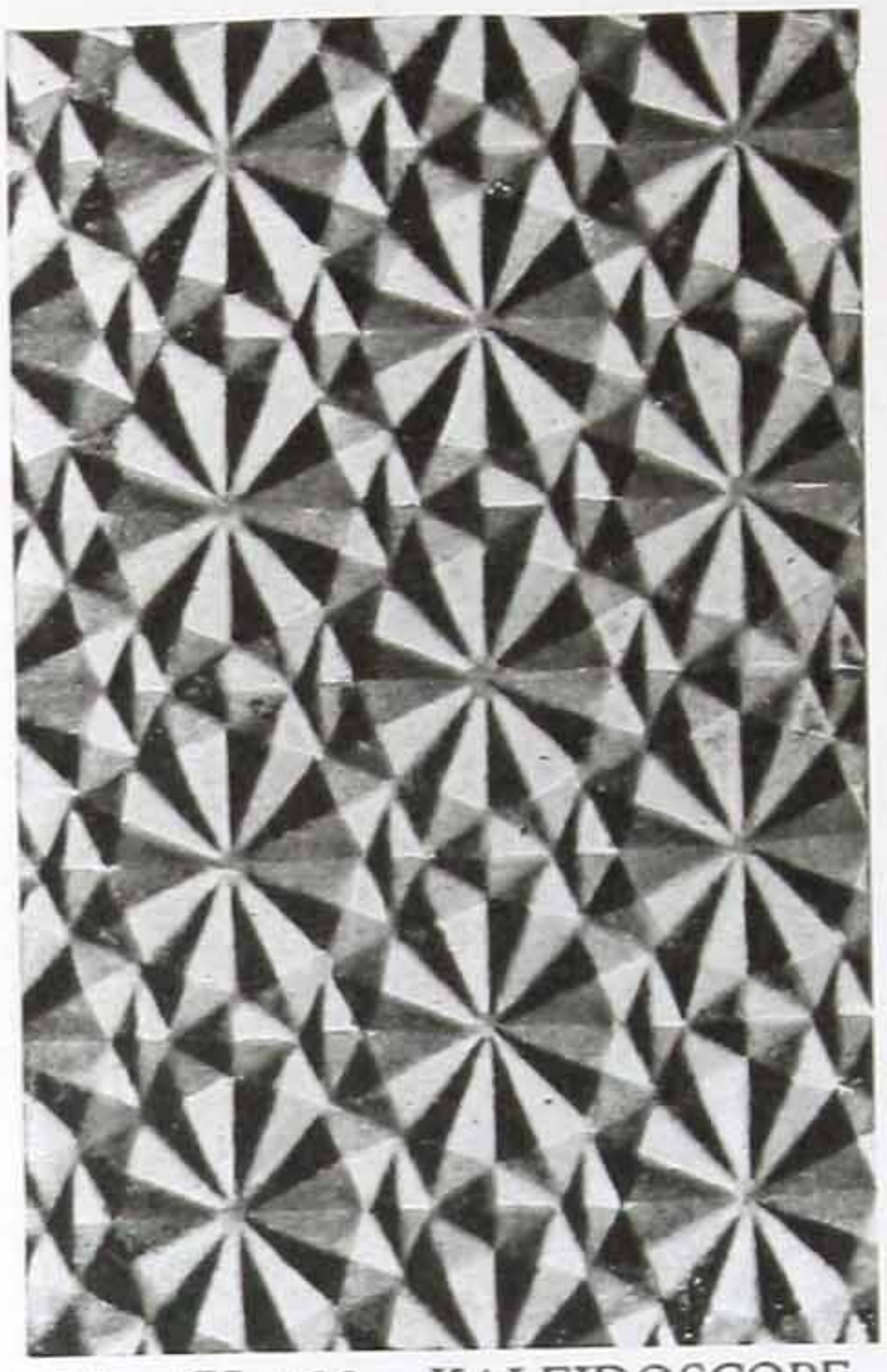
No. GL 89. SMALL ARCTIC

Illustrations show actual size of pattern.

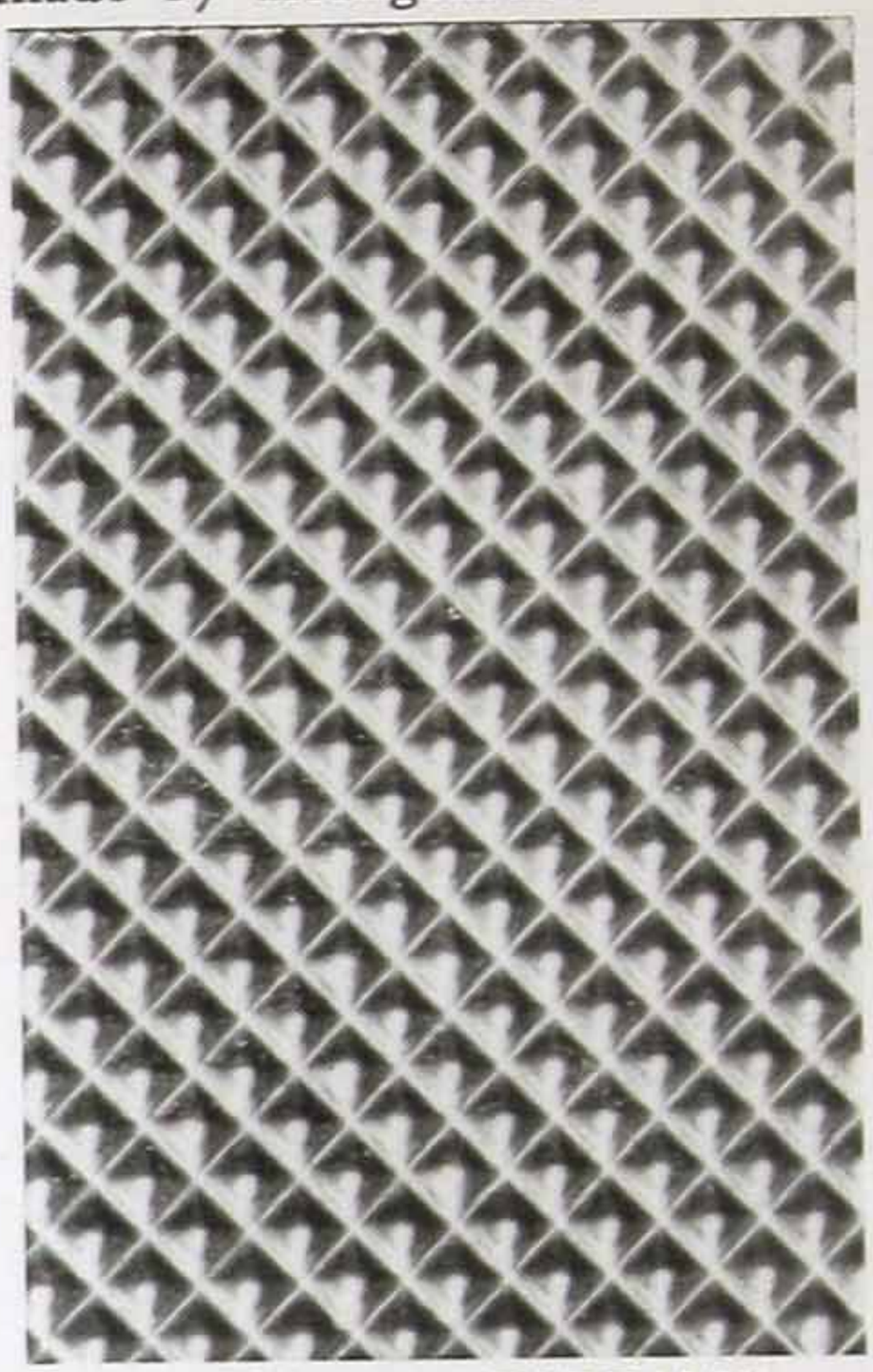
Made in White. For Pinstripe and Hammerstripe see Note on page 315 about height and width.

FIGURED ROLLED GLASS

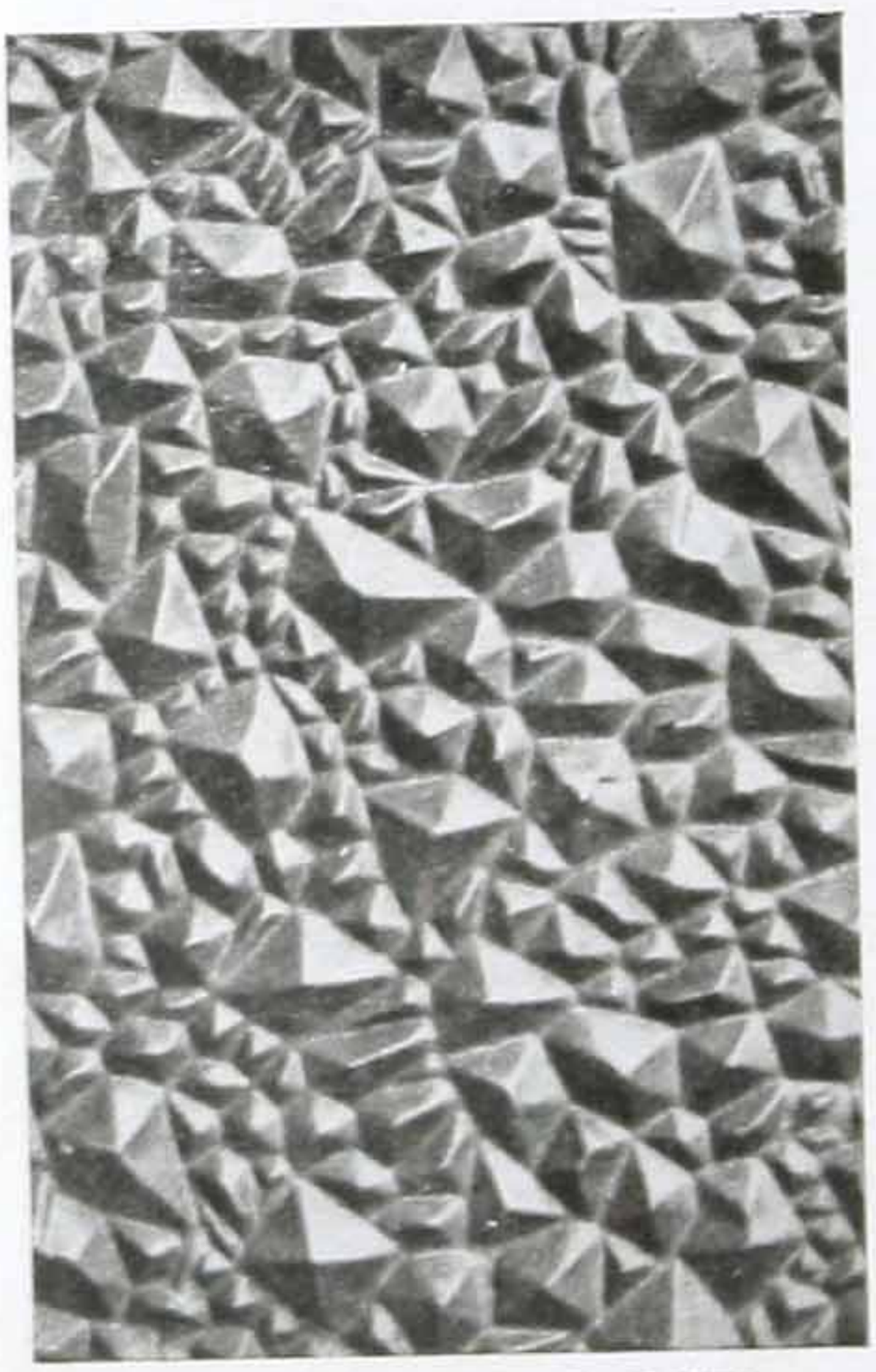
Figured Rolled Patterns **average** $\frac{1}{8}$-in. thick, but for special purposes $\frac{3}{16}$-in. and $\frac{1}{4}$-in. thick can be made by arrangement.



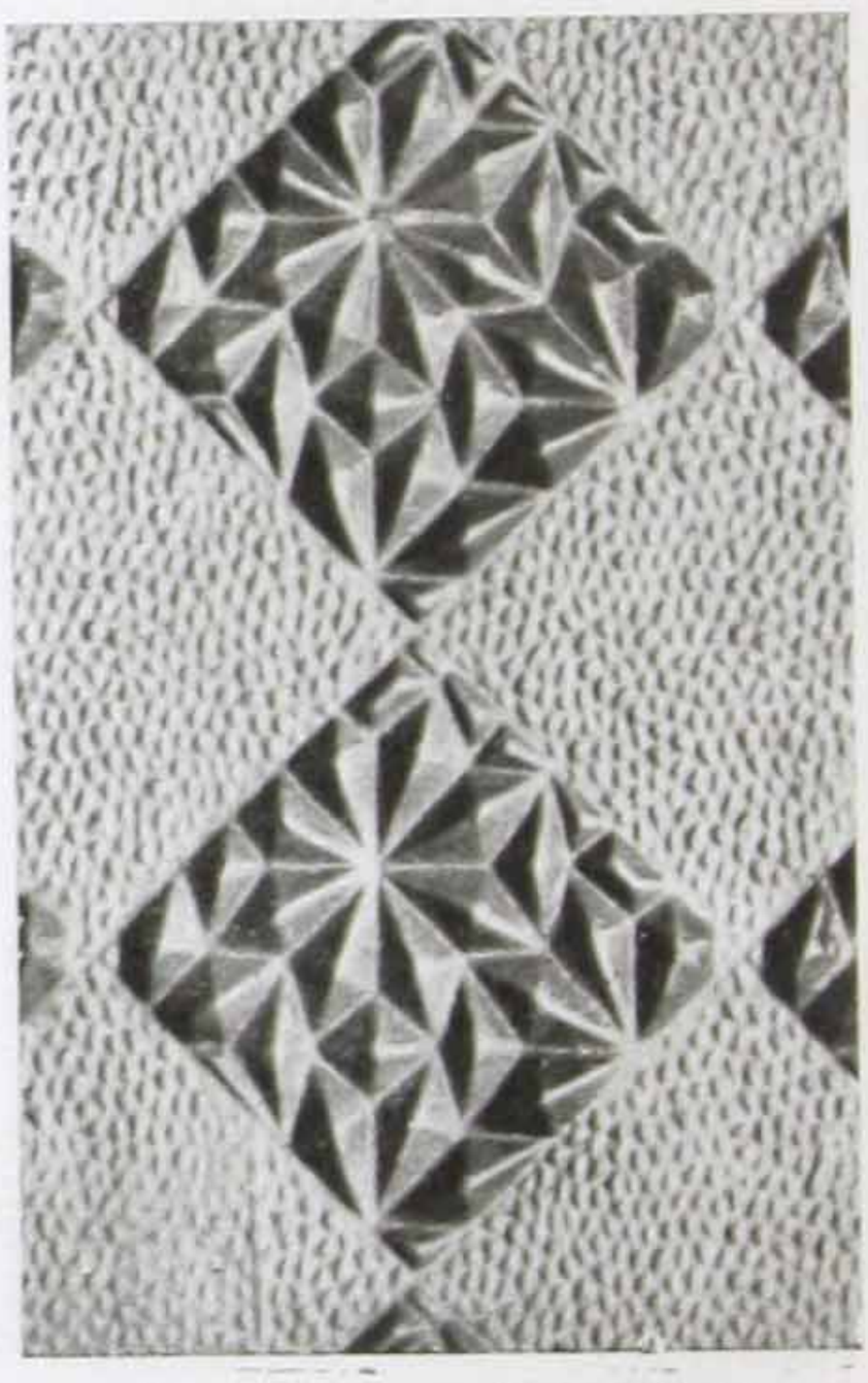
No. GL 128. KALEIDOSCOPE



No. GL 300. BOREALIS



No. GL 319. SPARKEL



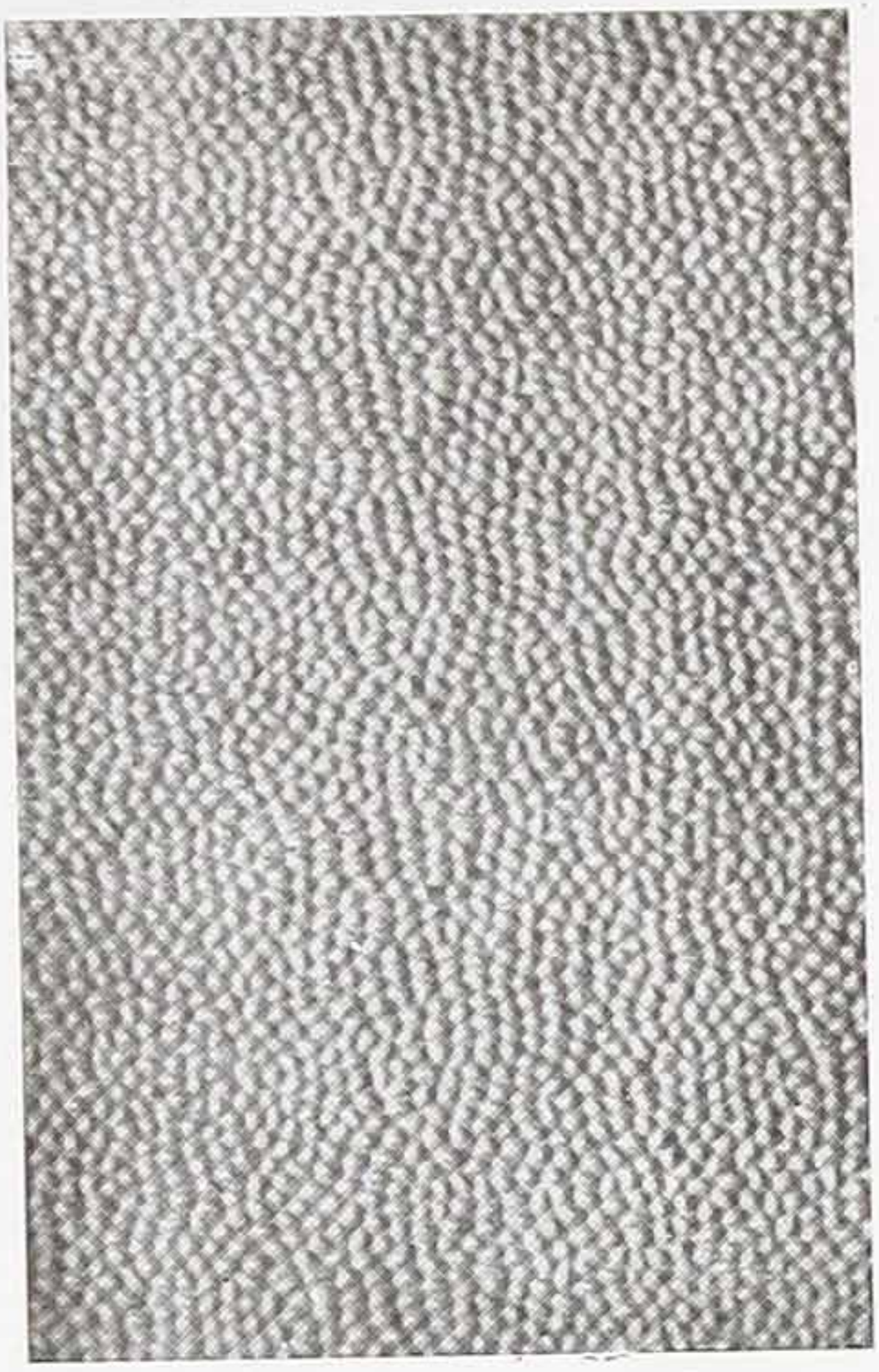
No. GL 93. AMAZON

Made in White. *Illustrations show actual size of pattern.*
Many patterns can be obtained in Green, Pink, Blue and Yellow.

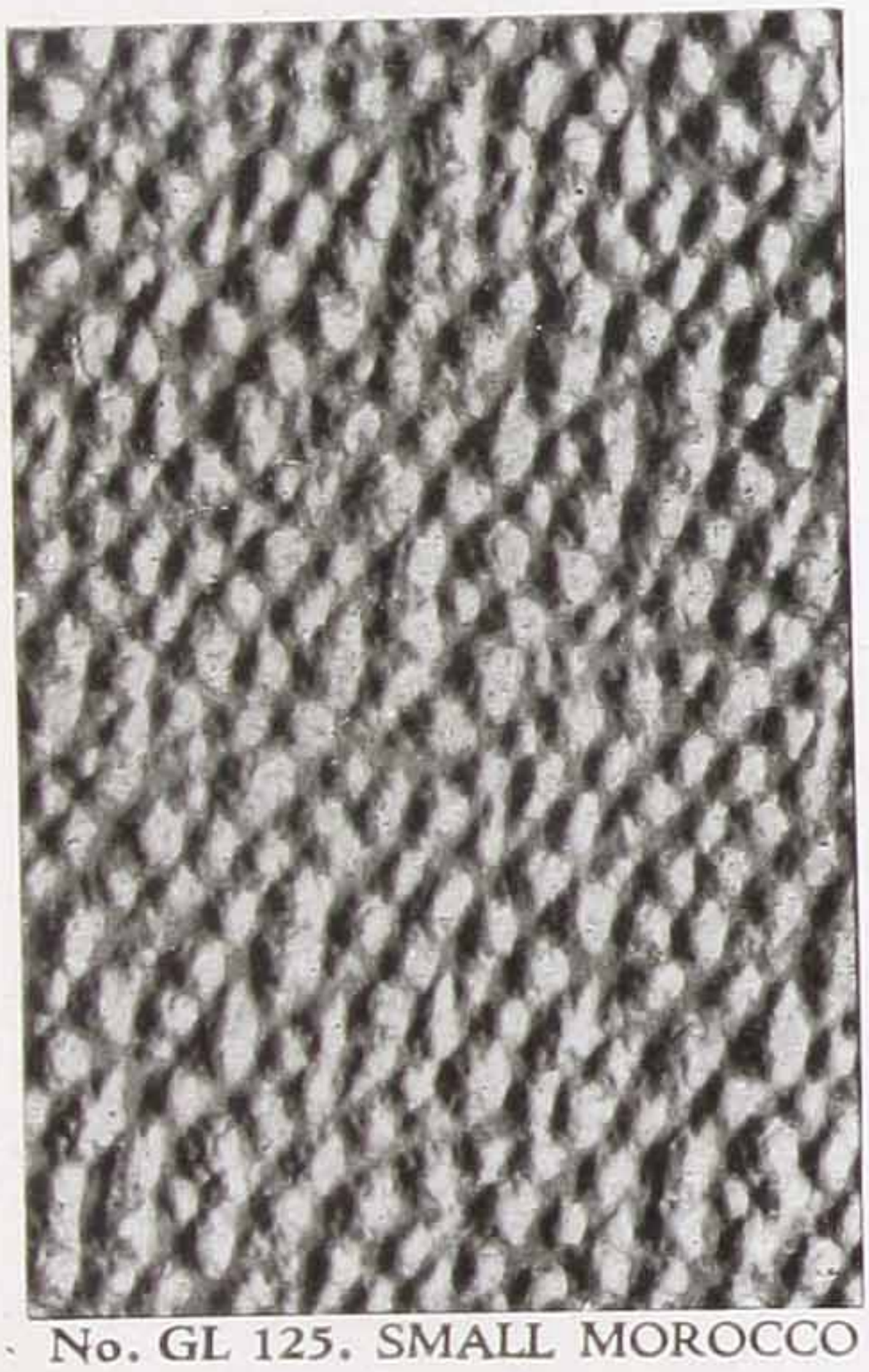
FIGURED ROLLED GLASS

Figured Rolled Patterns **average** $\frac{1}{8}$-in. thick, but for special purposes $\frac{3}{16}$-in. and $\frac{1}{4}$-in. thick can be made by arrangement.

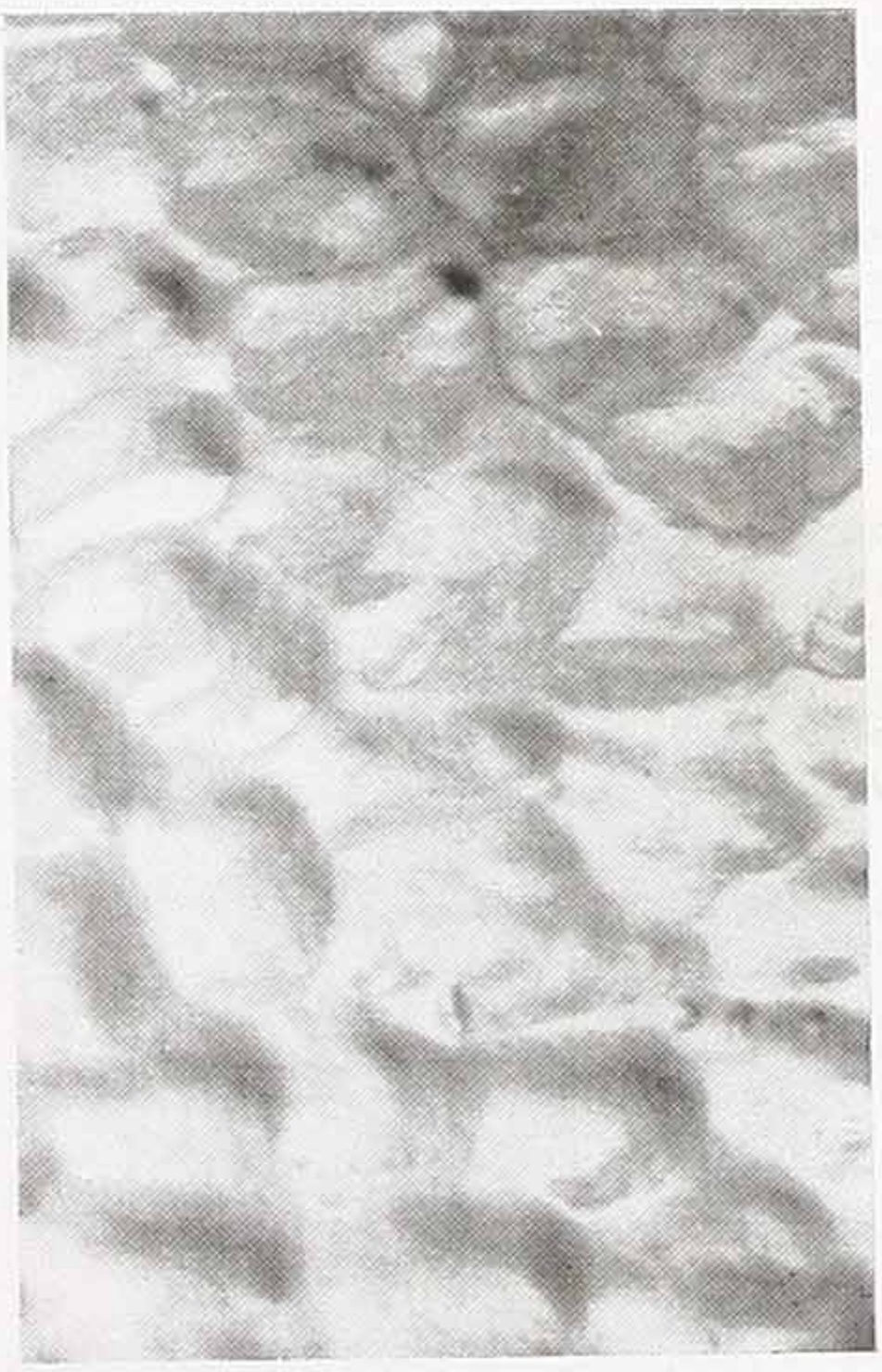
No. GL 124 JAPANESE



No. GL 90. PINHEAD MOROCCO



No. GL 125. SMALL MOROCCO



No. GL 318. GLASGOW HAMMERED

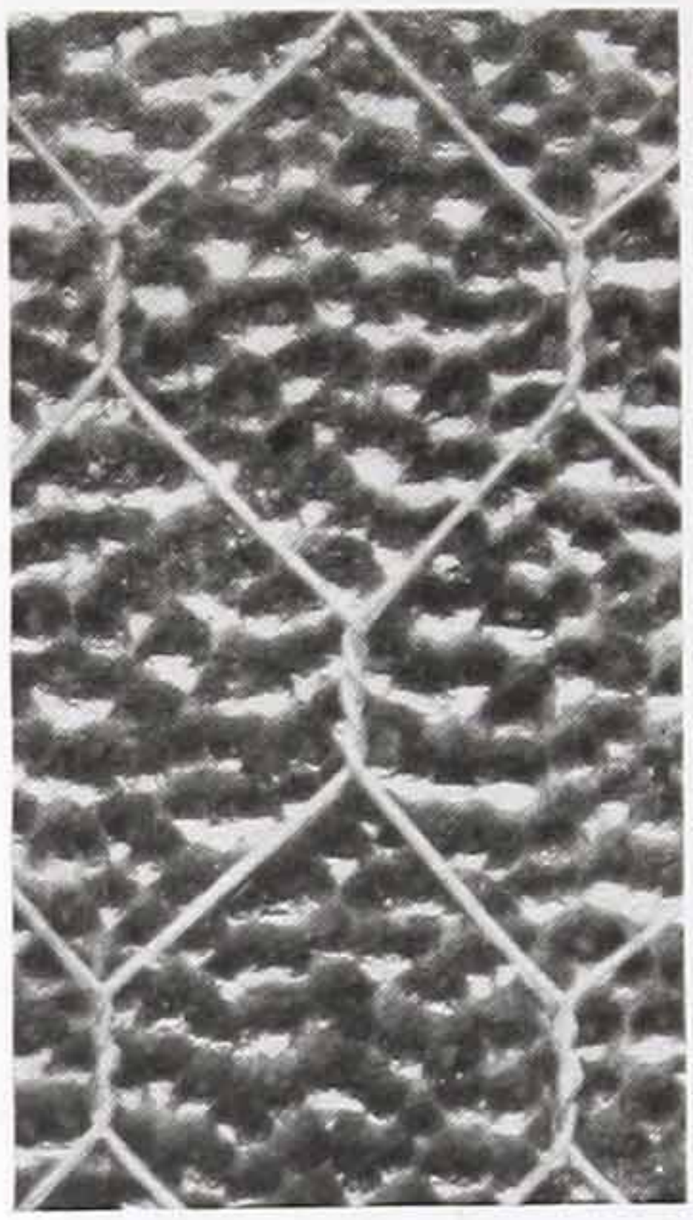
Made in White. *Illustrations show actual size of pattern.*
Many patterns can be obtained in Green, Pink, Blue and Yellow.

ROLLED, ROUGH CAST, AND WIRED GLASS

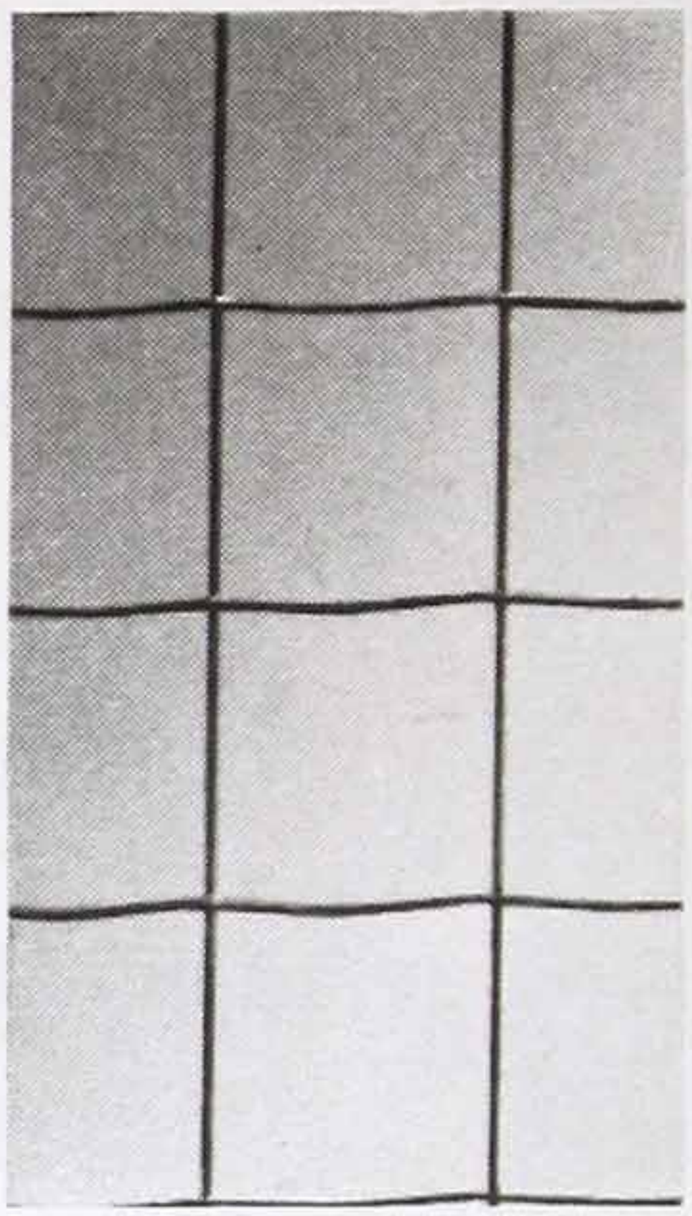
PLAIN ROLLED, also known as HARTLEY'S ROLLED is manufactured in $\frac{1}{8}$ in.

ROUGH CAST DOUBLE ROLLED, also known as CAST or as ROUGH PLATE, is made in $\frac{3}{16}$ in., $\frac{1}{4}$ in., and $\frac{3}{8}$ in. substances.

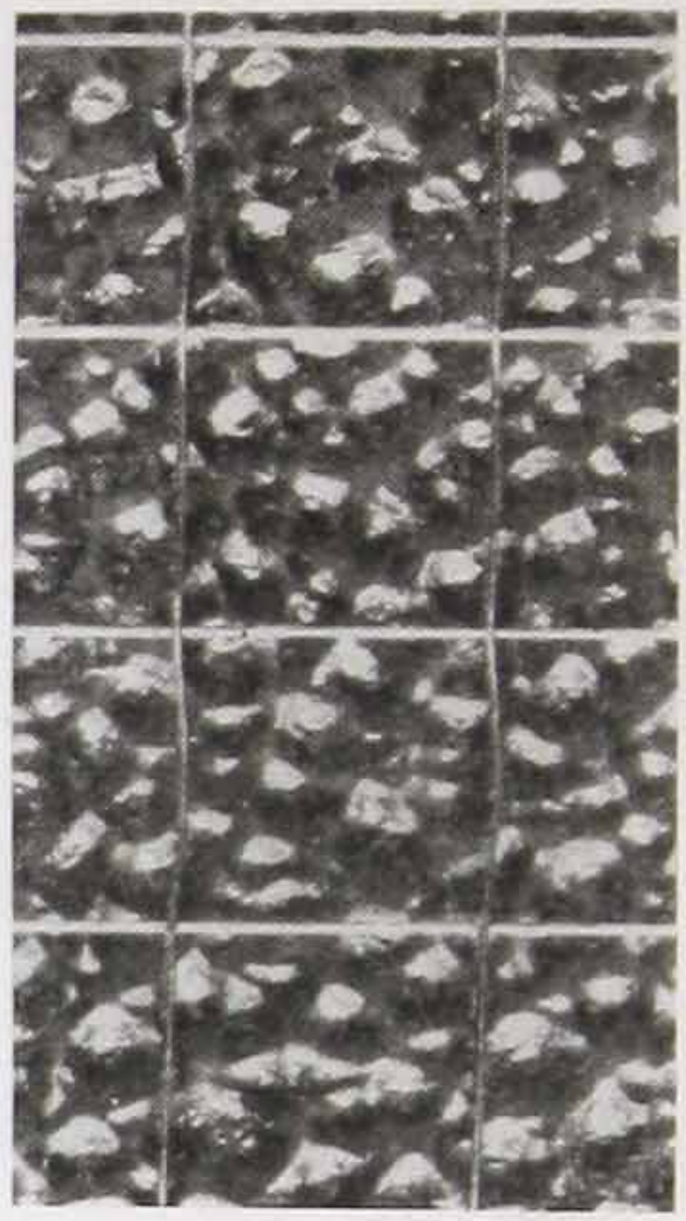
Ordinary limits of size are 144 in. in length and 44 in. in width, but sizes can be manufactured up to 156 in. long, 146 × 48 in. at extra rates.



GL 75
WIRED CAST



GL 78
GEORGIAN WIRED POLISHED



GL 77
GEORGIAN WIRED ROUGH CAST

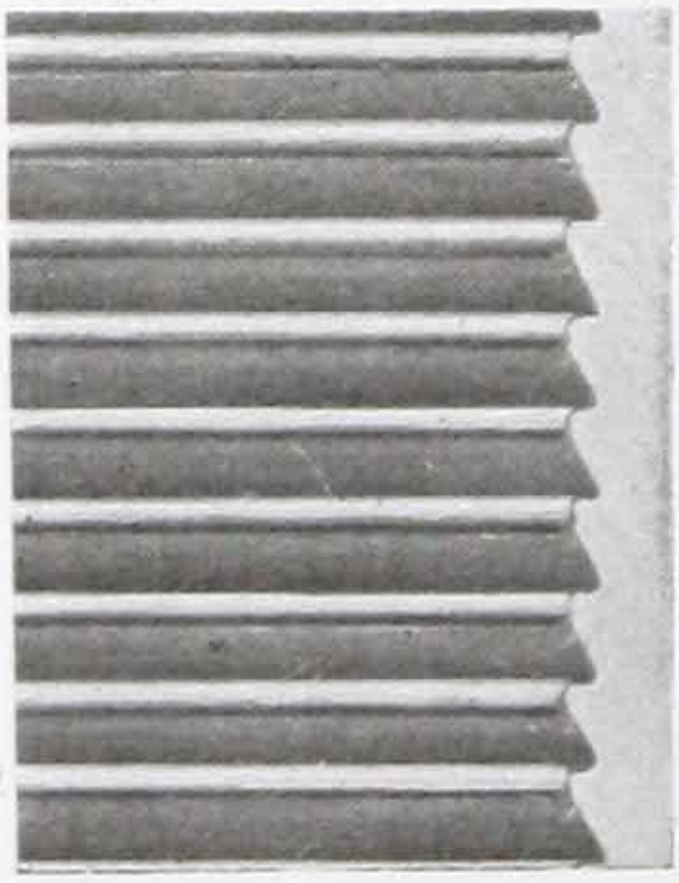
WIRED GLASS, as its name implies, consists of a sheet of glass having wire netting embedded in its centre. The wire being hermetically sealed up in the glass is protected from rust or corrosion and is practically everlasting.

WIRED CAST, and GEORGIAN WIRED ROUGH CAST are only manufactured in $\frac{1}{4}$ in. substance.

The ordinary hexagon mesh will always be supplied unless Georgian is specified.

Available sizes :

Wired Cast, 132 in. long 40 in. wide, or at extra rates 148 in. long 50 in. wide.
Georgian Wired Cast, 132 in. long 40 in. wide extreme, or at extra rates 148 in. long.



GL 79 PRISMATIC GLASS

Placed flush with the outside wall it takes up all the light that strikes the window opening, thus illuminating with a well-diffused natural light the parts of the room farthest from the window.

Glazes like Ordinary Glass with Flutes inside.

$\frac{1}{4}$ in. thick. In White only.

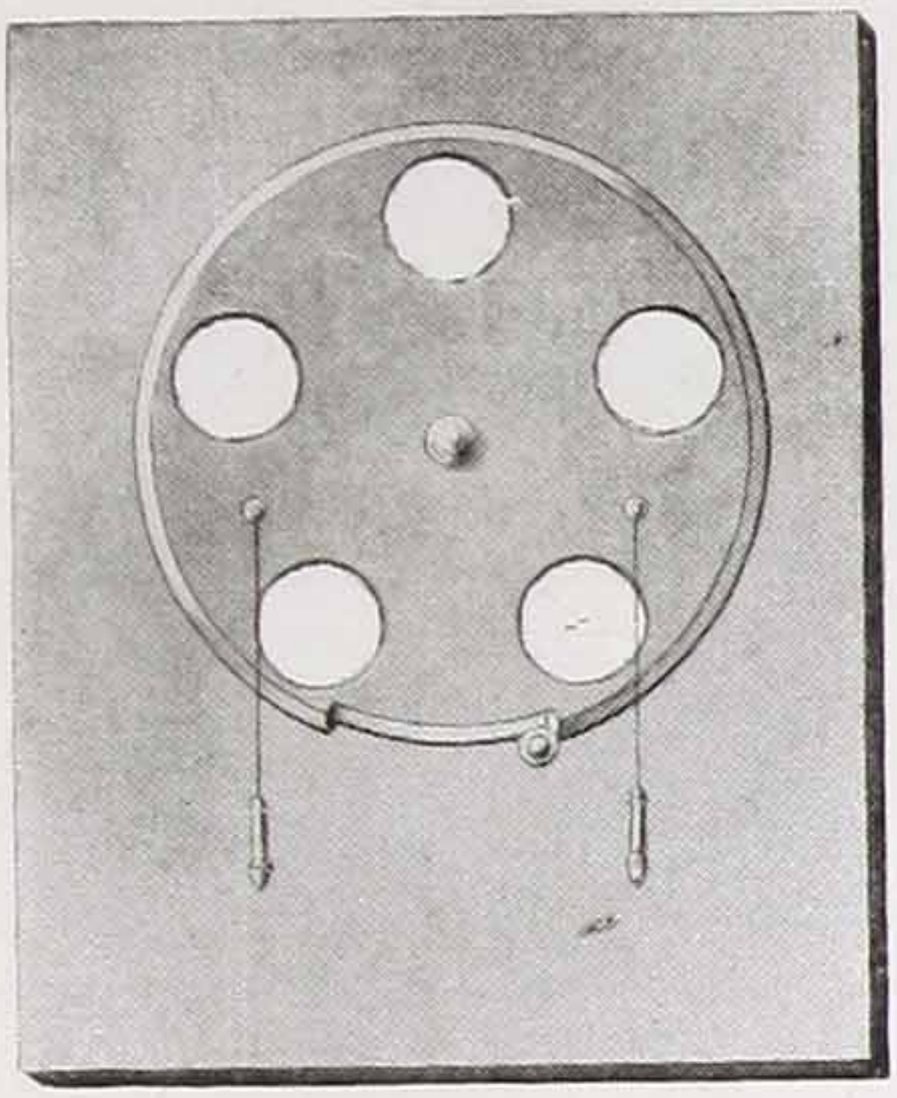
For Dark Cellars and Basements it more than repays its original cost in the saving of artificial light alone.

Made in Three Varieties, thus :—
Near Light, Middle Light, and Far Light.

When ordering please state which measurement is height and which is width.

MUROGLASS Coloured opaque glass is now available for wall cladding.

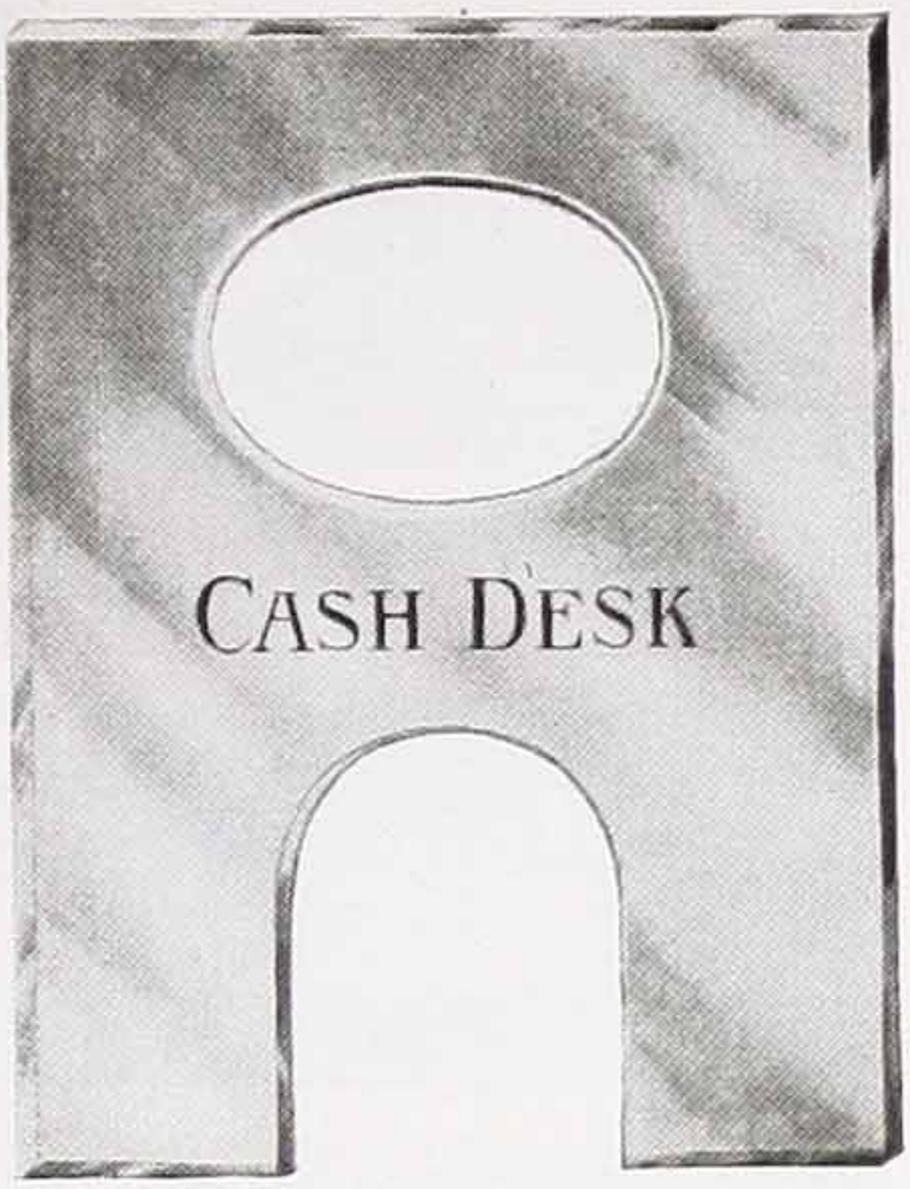
GLASS VENTILATORS AND PAYHOLES



No. GL 172
CIRCULAR GLASS
VENTILATOR

Complete with cords

By a slight turn of the circular glass it is either open or shut.



No. GL 190
PAY HOLE

Edges Rounded and Polished.

Any Lettering to Order.

In ordering Circular Glass Ventilators please state description of glass required, HEIGHT and WIDTH in Rebates, and, if the circles are desired in any particular position.

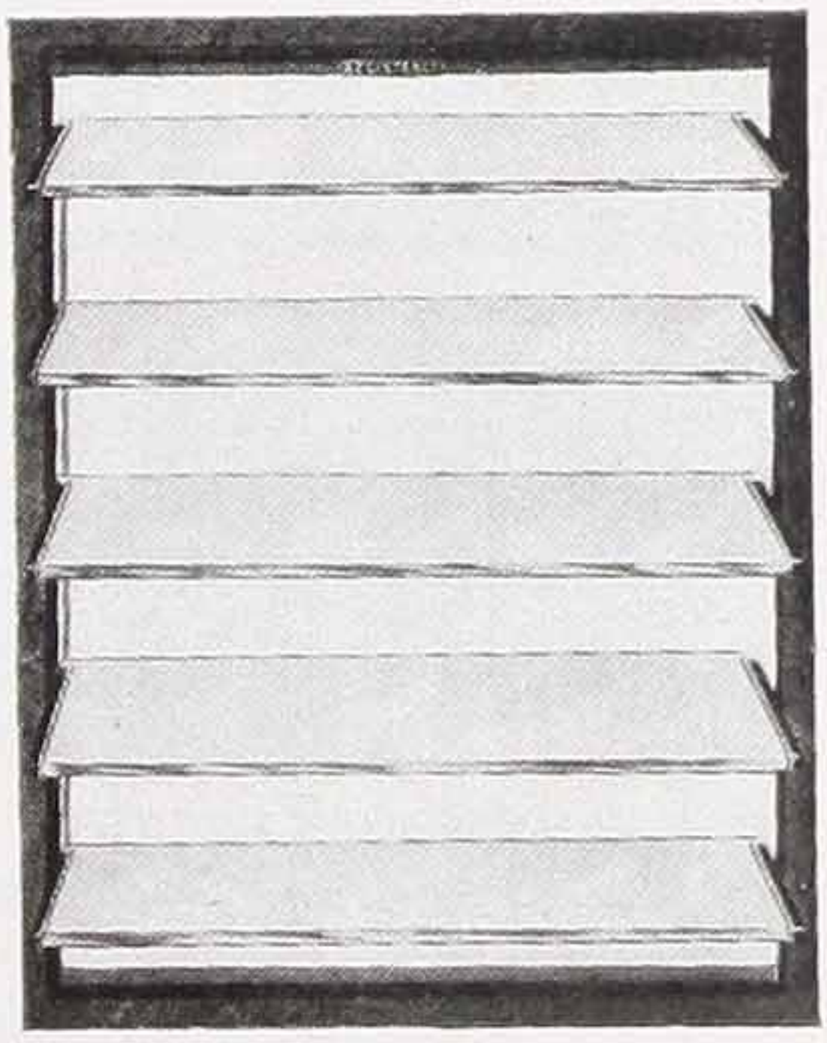
Any size of glass may be fitted with these ventilators.

No. GL 170

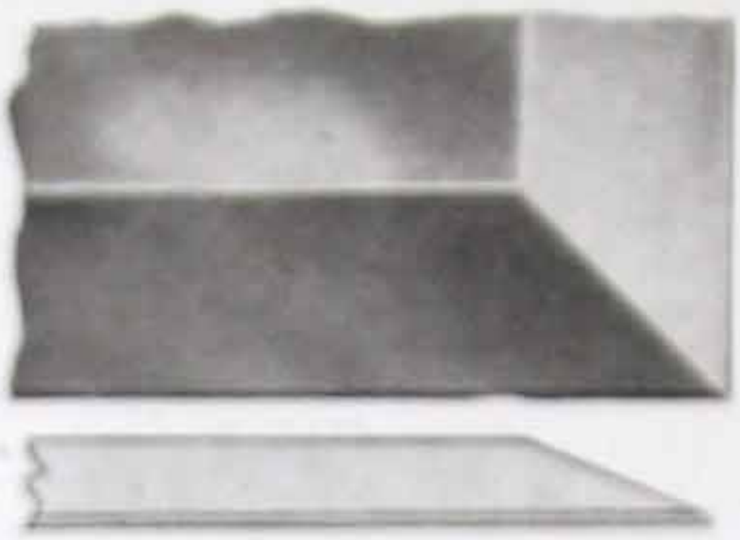
LOUVRE GLASS ☛
VENTILATOR

Brass Frame Green Bronze Lacq. Finish.

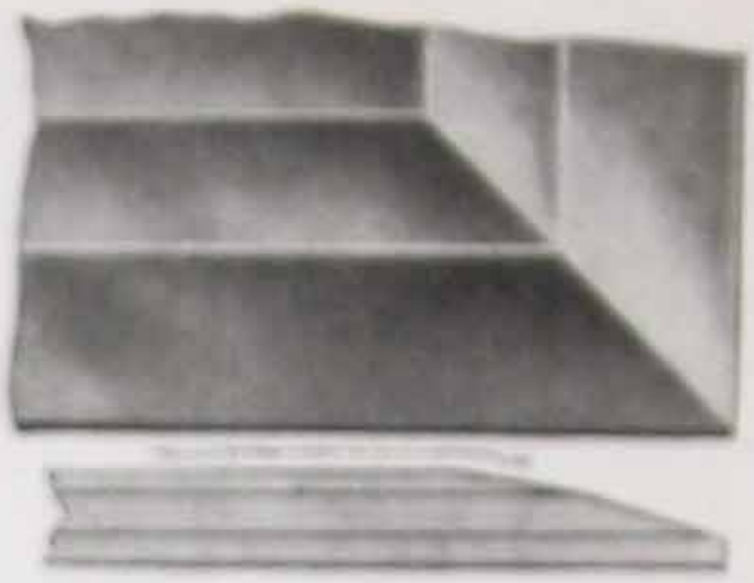
Ventilators and Pay Holes may also be made in Obscured, Ornamental, or Embossed Glass, to Order.



BEVELLED GLASS



No. GL 151
Bevel to
Feather Edge



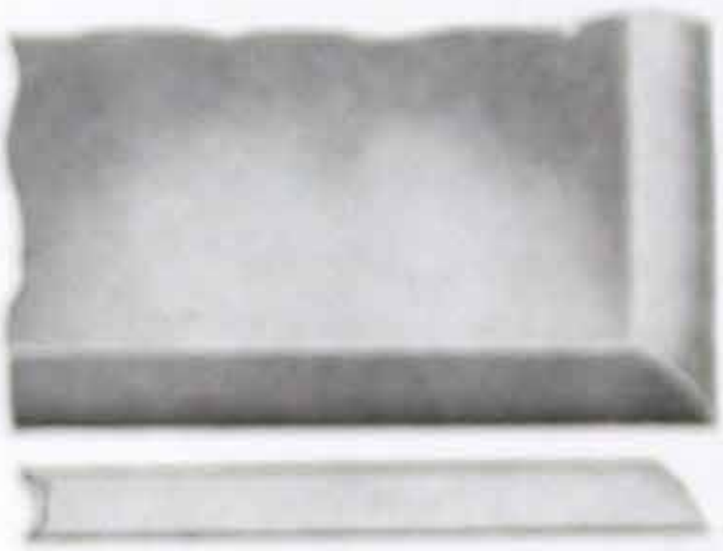
No. GL 156
Double Bevel

Section:

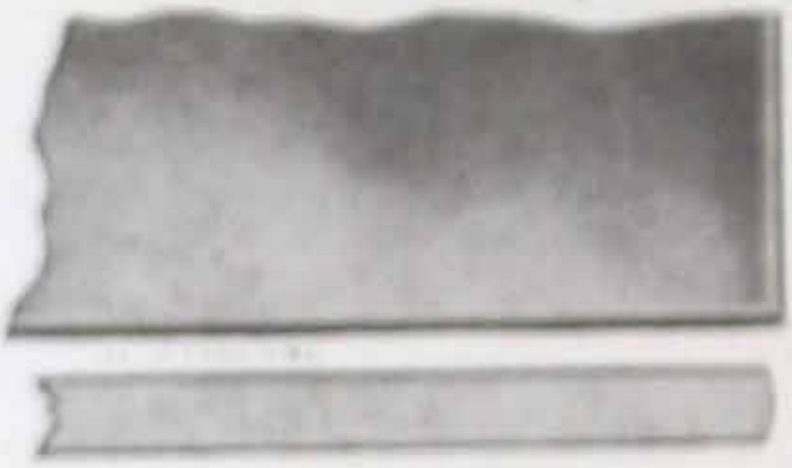
No. GL 152
Ordinary Bevel

No. GL 171
Cross Bevel

Section:



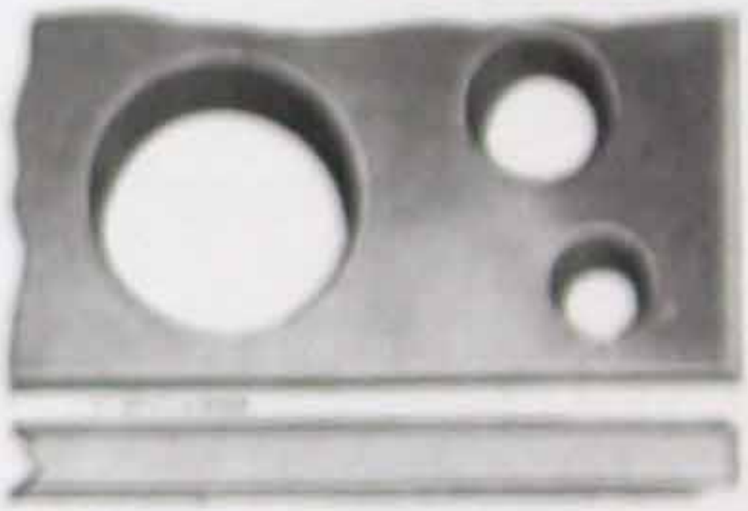
No. GL 153
Bull-Nosed
Bevel



No. GL 158
Rounded and
Polished Edges

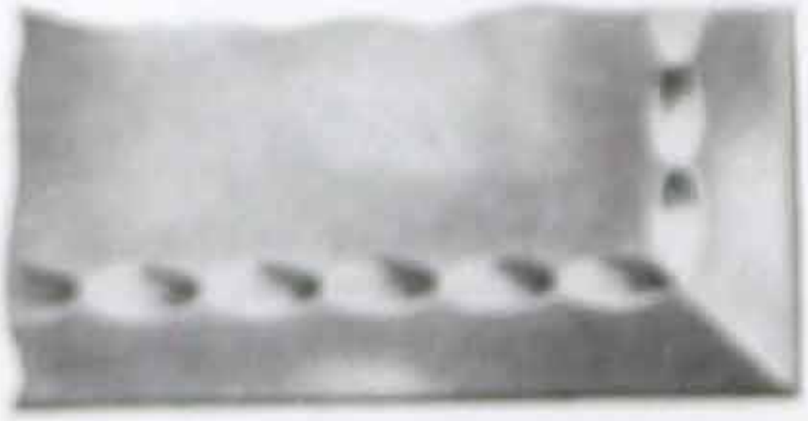
Section:

No. GL 154
Flat
Polished Edges

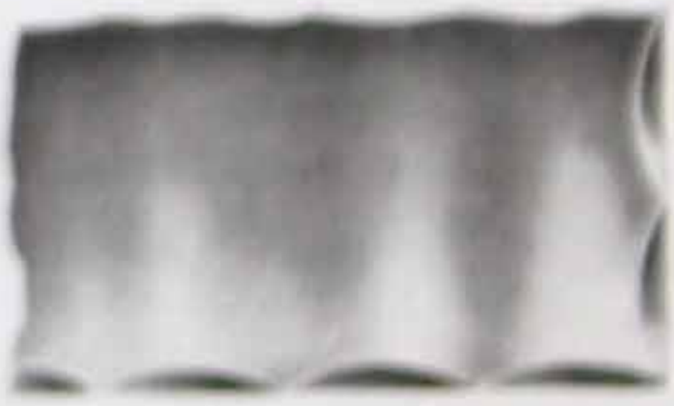


No. GL 159
Arrised Edges
and Holes
Drilled

Section:



No. GL 155
Bevel and
Beaded



No. GL 161
Scallop
Bevel

Section:

For description see following page

BEVELLED GLASS

□ □ □

(Illustrations on previous page)

ANY size of Plate may have Bevelled Edges, and the bevelling may be any desired width. It is usually $\frac{1}{4}$ in., $\frac{3}{8}$ in., $\frac{1}{2}$ in., $\frac{5}{8}$ in., $\frac{3}{4}$ in., $\frac{7}{8}$ in. 1 in., $1\frac{1}{4}$ in., $1\frac{1}{2}$ in., $1\frac{3}{4}$ in. or 2 in.

In Ordinary Bevelling the edge is mitred off until the edge is left about $\frac{1}{8}$ in. thick or more, according to the thickness of the glass before bevelling, and the edge is left slightly rough as it comes from the diamond in cutting.

When required, the bevelling may be carried out at a more acute angle, leaving a much narrower edge, and giving a greater raised effect to the glass, at a higher cost.

Where the edge of the glass is not fixed into rebates, but shows to the sight, it is necessary either to "bevel to feather edge"—in which but a very narrow edge is left—or else the edge is ground flat upon the wheel, and, if necessary, afterwards polished.

In "Arrising" the sharp edges only are ground off, as shown in Section GL. 159.

For Shelves, the edges are usually rounded and polished. They may also be arrised or polished flat.

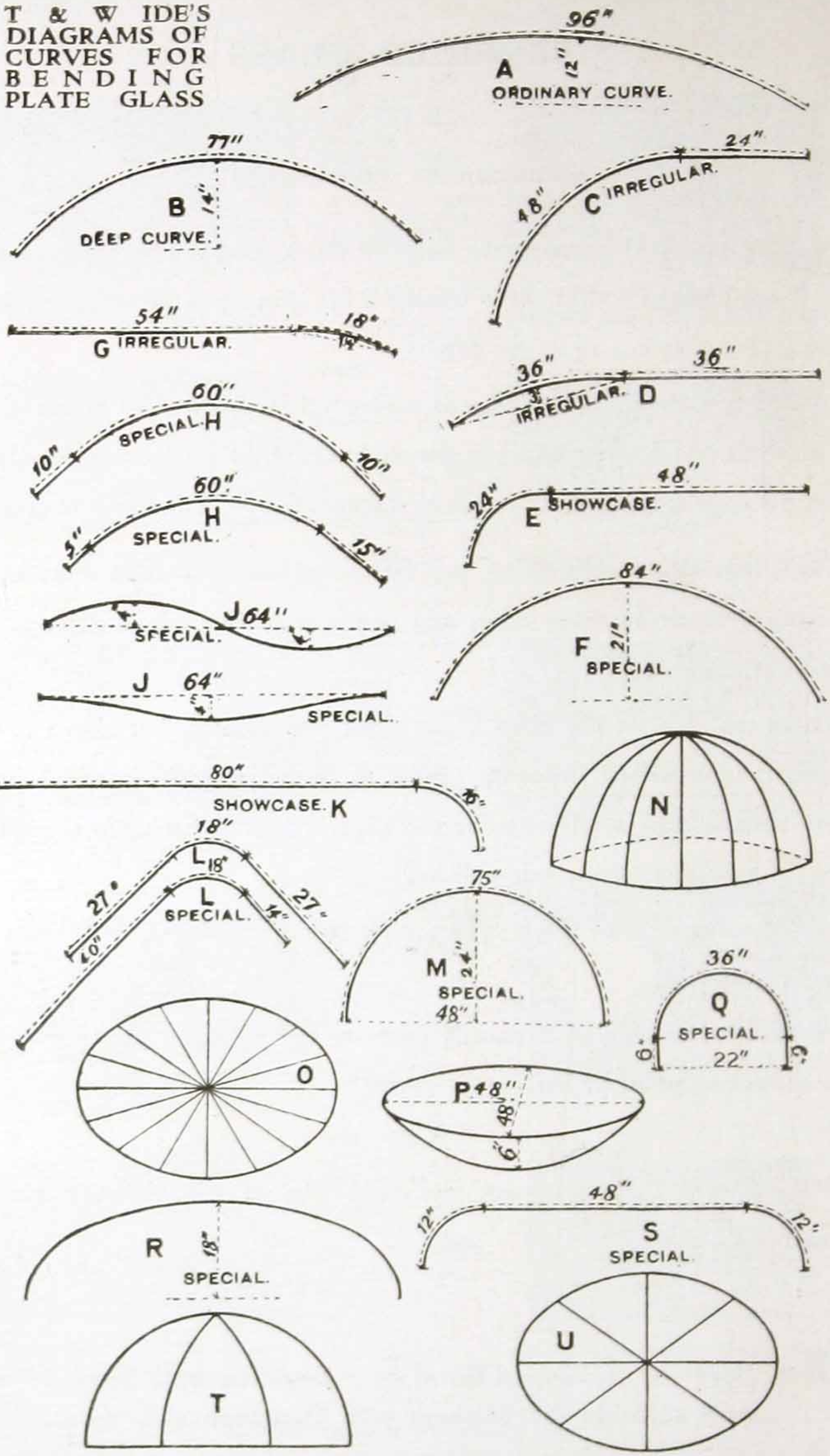
□

HOLES may be drilled any size, and holes of special shape may be Sandblast Drilled.

□ □

Cross Bevel or Scalloped Bevel or "Bevelled and Beaded" are very suitable for Mirrors and Ornamental Glasses.

T & W IDE'S DIAGRAMS OF CURVES FOR BENDING PLATE GLASS



When asking for prices please send template or scale drawing. *See next page.*

EXPLANATION OF GLASS BENDING CURVES AND DIAGRAMS

Illustrations on previous page.

A.—Curves are those which are bent to a given radius one way of the pane only, which applies to the whole length or width of the pane, and not to one part only. The depth of bend not to exceed one-eighth of the length of the bent side of pane. Example, length of the bent side of pane, 96 in., depth of bend not above 12 in.

B.—Curves are those which are bent more than one-eighth but not to exceed the quarter of a circle, or about 1 in 5½. Example, plate 77 in., bend 14 in.

C.—For the same curve as B, but a part flat, the flat part not to exceed one-third. Example, plate 72 in., bend 48 in., flat 24 in.

D.—For flat curves, with one part flat, the depth of the bent part not to exceed 1 in 12 and the flat part one-half. Example, plate 72 in., bend 36 in., depth 3 in., flat 36 in.

E.—For curves, the bent part not less than a 6 in. radius, and not to exceed the quarter of a circle, with flat part, the flat part to exceed one-third, but not to exceed two-thirds. Example, plate 72 in., bend 24 in., flat 48 in.

F.—Curves are those which are bent beyond the quarter of the circle, but not to exceed 1 in 4. Example, plate 84 in., depth 21 in.

G.—Curves similar to D, the depth of bent part not to exceed 1 in 12, and the flat to exceed one-half, but not to exceed three-fourths. Example, plate 72 in., bend 18 in., depth 1½ in., flat 54 in.

H.—For angular curves viz :—Flat parts on each side, the centres not to exceed the quarter of a circle, and the flat parts one-fourth of the sides bent. Example, plate 80 in., bend 60 in., flat 10 in. each side, or about 5 one side, and 15 the other.

J.—For OG curves, depth not to exceed 1 in 16. Example, plate 64 in., depth 4 in.

K.—Similar to E, with flat part to exceed two-thirds, but not to exceed five-sixths. Example, plate 96 in., bend 16 in., flat 80 in.

L.—For angle curves (radius not less than 6 in.) the centre not to exceed the quarter circle and the flats to exceed one-fourth, but not to exceed three-fourths. Example, plate 72 in., bend 18 in., flat 27 in. each side, or about 14 in., on one side and 40 in. on the other.

M.—Curves are those which are bent beyond 1 in 4, but not to exceed the half-circle (diameter not less than 12 in.). Example, plate 75 in., depth abo 1 24 in.

N.—Curves are for double bends for circular dome lights, where the openings are not less than 12.

O.—Curves are for oval light openings, not less than 16

P.—Curves are for circles for domes, depth not to exceed 1 in 8. Example, diameter of circle after bent, 48 in., depth 6 in.

Q.—Curves are those beyond the half-circle, with equal straight parts on each side, the flat not to exceed one-fourth, and diameter not less than 12 in. Example, plate 48 in., bend 36 in., flat part 6 in. each side, diameter about 22 in.

R.—Curves are for ellipsis not less than 12 in. diameter, or 6 in. depth of bend.

S.—Curves not to exceed the quarter of a circle at each side (depth of bend not less than 6 in.) the bent part not less than one third, and the flat not more than two-thirds. Example, plate 72 in., bend 12 in. each side, centre flat 48 in.

T.—Curves similar to N but the number of openings less than 12, but not less than 6

U.—Curves similar to O but the number of openings less than 16, but not less than 8.

For plates longer than 160 in. 120 in. in bend, 100 ft. super, or greater depths than 24 in. and difficult curves not mentioned, special prices.

On account of expansion and contraction the curves cannot be guaranteed exact, edges straight, flat parts flat, or any two alike ; and with the larger sizes, deep, double, and difficult bends, the edges are liable to be shelled, and the surface fired and obscured, but our great experience enables us generally to execute satisfactory Bends for all practical purposes, and a fair average, according to the size and curve is guaranteed.

BAXENDALE & CO. LTD.

PLATE GLASS

Plate Glass is one of our specialities. From our very large stocks we give prompt motor deliveries direct on to the job.

Our motors are of a type specially designed for the transport of glass unpacked, and enable us to deliver over a wide area without delay, thus saving customers' time and labour in boarding up windows, handling and returning packages.

THIN AND EXTRA THIN POLISHED PLATE

Can be obtained for special purposes.

THICK POLISH PLATE for Ships' Portholes, and Process Printing Frames and THICK ROUGH CAST for Pavement Lights is carried in stock.

GLASS BLOCKS

Standard range of "Insulite" hollow Glass Blocks is carried in stock P.B.2 $5\frac{3}{4}$ in. high × $5\frac{3}{4}$ in. wide × $3\frac{7}{8}$ in. thick. P.B.32 $7\frac{3}{4}$ in. high × $7\frac{3}{4}$ in. wide × $3\frac{7}{8}$ in. thick.

FULL DESCRIPTIVE LEAFLET SENT ON REQUEST

MILLER STREET · MANCHESTER

PLATE GLASS

WIRED POLISHED PLATE

with Hexagon mesh or Electrically Welded square mesh wire inserted is obtainable in sizes up to 98 in. × 48 in.

COLOURED PLATE GLASS

Transparent Polished Plate can now be obtained in a variety of tints for decorative purposes and is suitable for Embossing, Silvering, or other embellishment.

OPAL PLATE

Opaque Black with a ground and polished surface, can be obtained in a large range of sizes in the following thickness: $\frac{5}{16}$ in.

ARMOUR PLATE

A specially toughened Plate Glass which is extremely strong, and resists fracture from impact, torsion, or heat, to a great degree. Obtainable in a variety of sizes up to a maximum of 80 in. × 68 in. This cannot be cut or worked once it is made up to required sizes.

THERMOLUX

A laminated type of Glass embodying an interlayer of Glass Silk. Useful for many commercial and scientific purposes owing to its special properties of perfect and even light diffusion, resistance to shattering, and its special acoustic properties.

WORK ON GLASS

We carry out at our Glass Works every type of work on the surface or on the edges of glass, including polished plate, coloured plate, plain and coloured opaque glass, etc.

SURFACE WORK includes Silvering, Gilding, Embossing, Engraving, Brilliant Cutting, Sandblasting, or combinations of the above.

EDGEWORK includes Bevelling, Grinding, Smoothing and Polishing of edges, Mitre Bevelling for Frameless Shop Fronts, Showcases, etc.

Glass is now used for an infinite variety of special purposes such as wall-lining, decorative and lighting schemes, covering of furniture or valuable fabrics, etc., and we shall be glad to work out Architects' plans and suggestions for any special need.

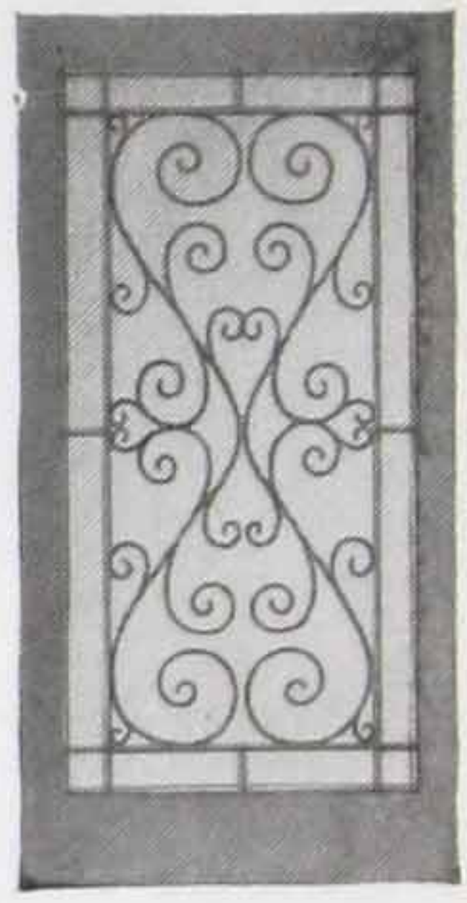
BAXENDALE & CO. LTD.

ADVERTISING SIGNS, ETC.

Shop Fronts with raised or incised lettering on facias—including Glass or Vitrolite for Fascias, Transoms, Stall Risers, and Pilasters.

No. D.G.481
Glass, Vitrolite or Plastic Hanging Signs.

No. D.G. 483
Vitrolite or Glass Name Plates with sandblasted lettering.



No. D.G. 482
Decorative Door Panels with sandblasted designs.

No. D.G. 484
Brewers' Tablets — on Vitrolite or Glass with sandblasted lettering, etc.

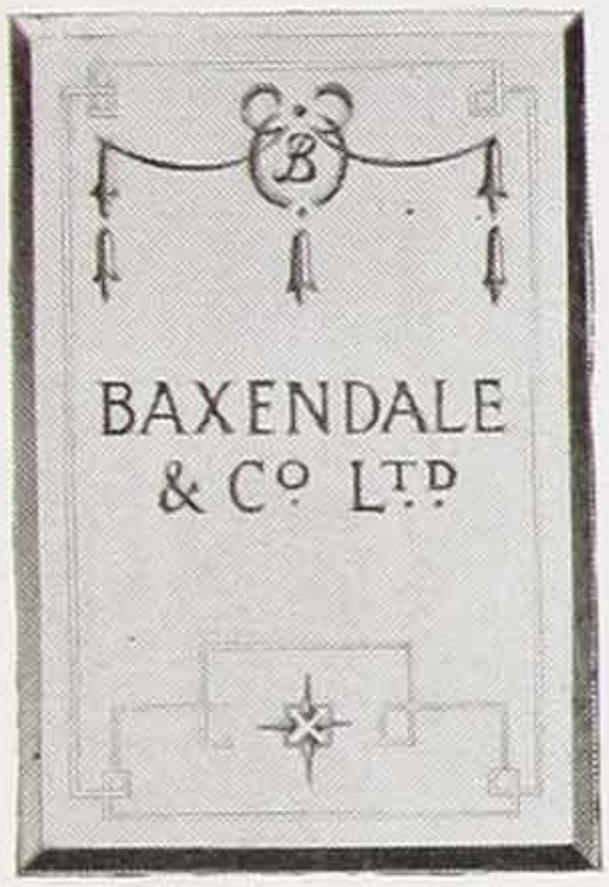
A coloured drawing of any fascia can be supplied for your customers' approval.

No. D.G. 486
Plate Glass Name Plates, bevelled and silvered.

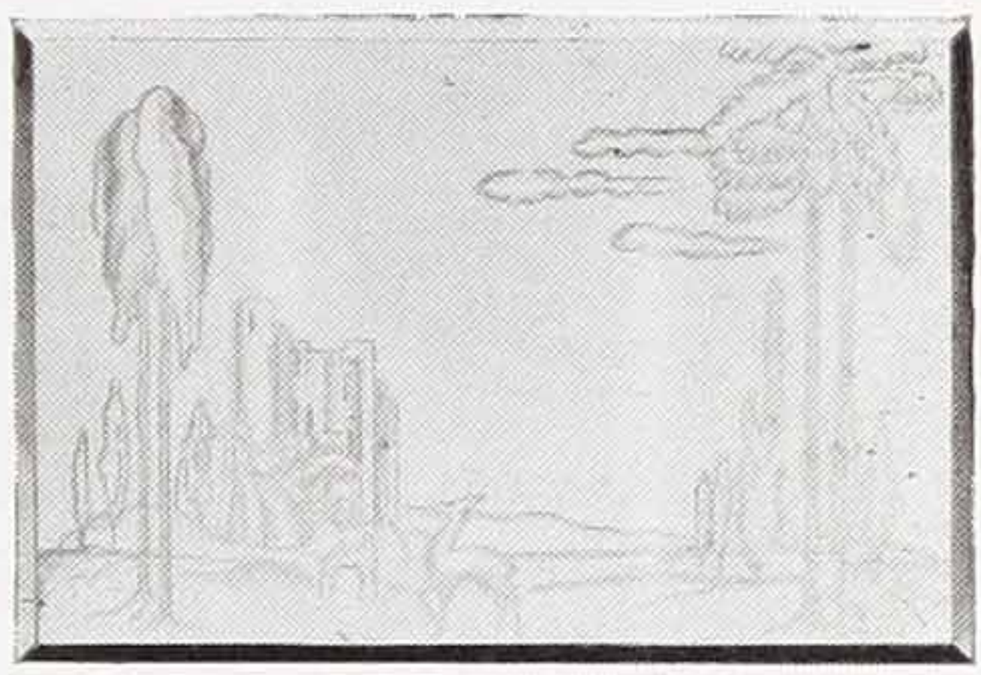
MILLER STREET · MANCHESTER

EMBOSSED AND BRILLIANT CUT GLASS

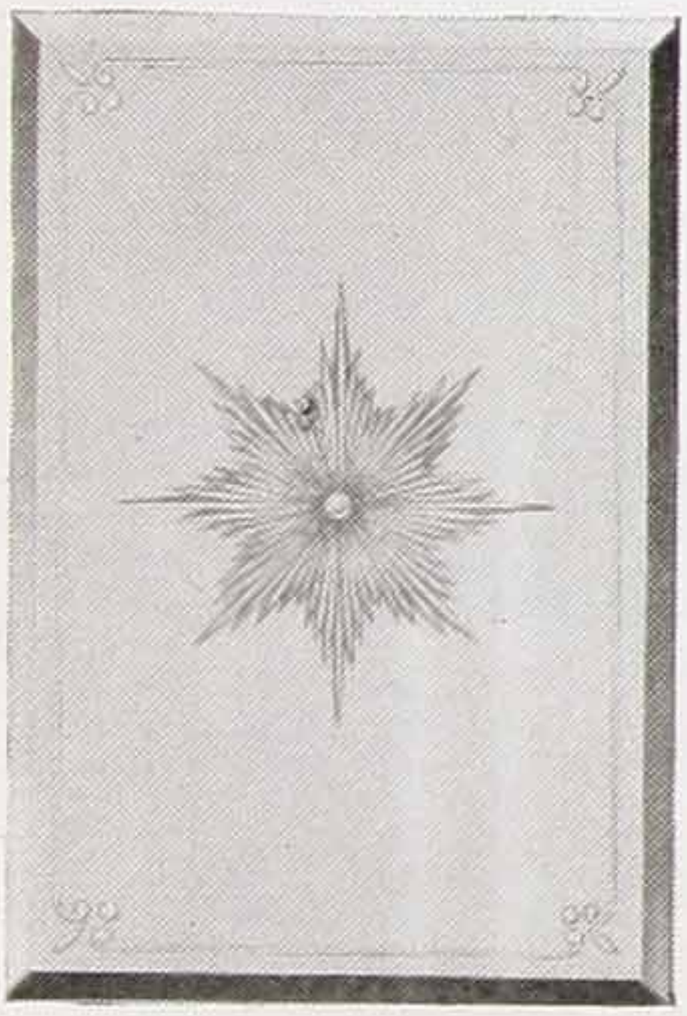
No. D.G. 476
Embossed plate with stipple embossed gold letters.



No. D.G. 477
Embossed and brilliant cut.

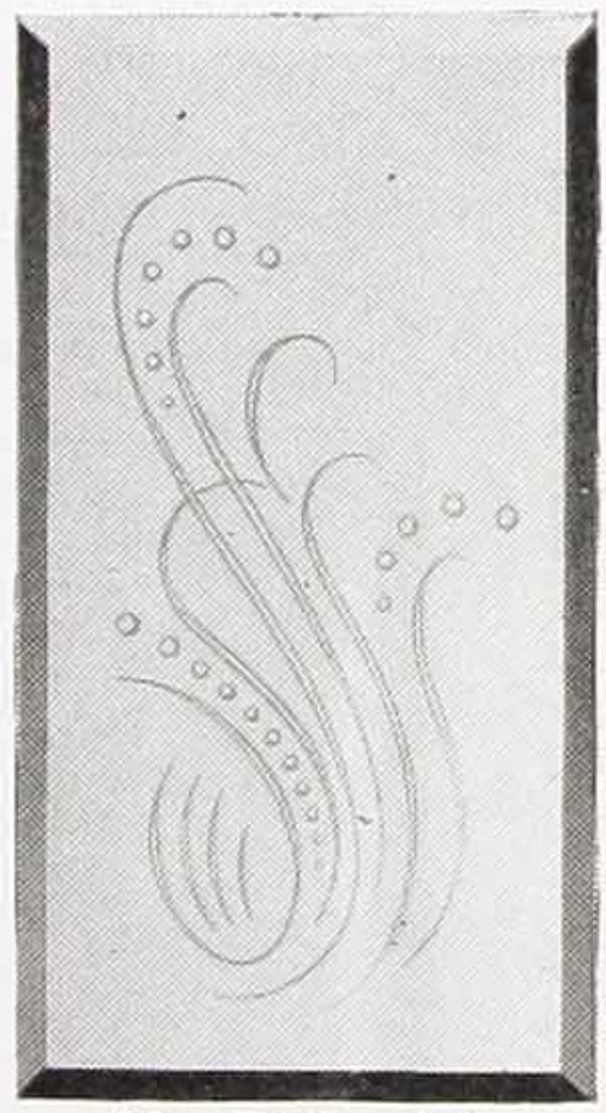


No. D.G. 478
Acid embossed pictorial design for partitions or mirrors.



No. D.G. 480
Brilliant cut embossed and bevelled.

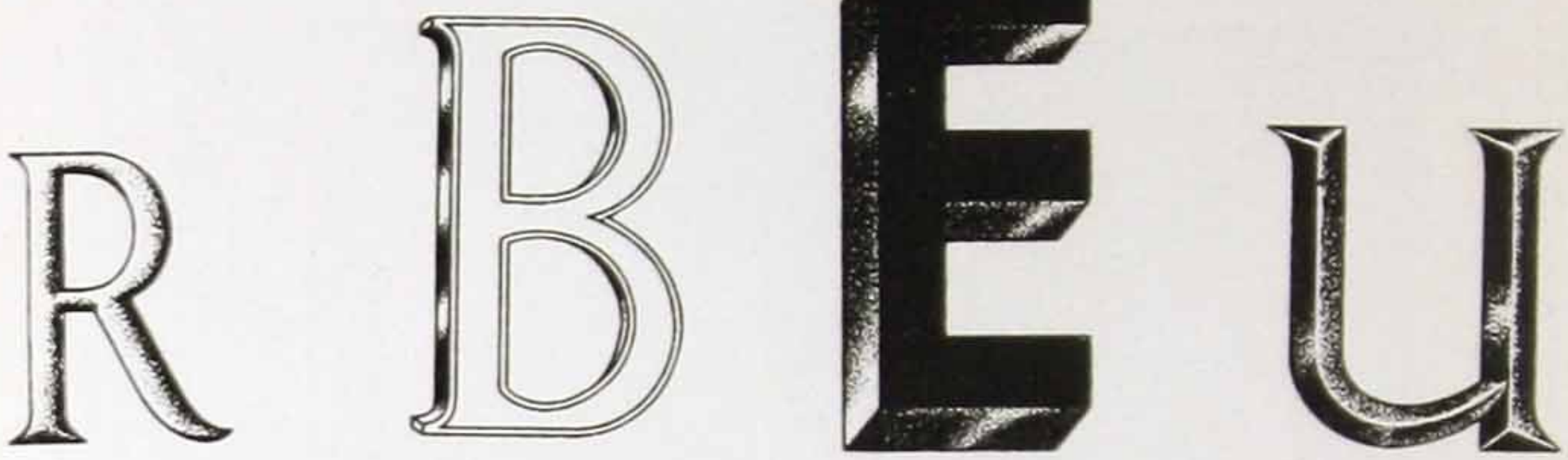
We shall be pleased to submit special designs to suit customers' requirements on receipt of full particulars.



No. D.G. 479
Brilliant cut and bevelled door panel.

BAXENDALE & CO. LTD.

LETTERS, SIGNS AND LABELS



No. D.G. 487 No. D.G. 488 No. D.G. 489 No. D.G. 490

Plastic (built-up and moulded) Stainless Steel, Bronze, Bronze and Vitreous Enamel
Wood and Copper Letters for all Signs

No. D.G. 491
Embossed, silver and black Plate Glass Door Number

No. D.G. 492
Door Numbers in Bronze, Plastic, Iron, Chrome, Brass and Aluminium.

No. D.G. 493
Vitreous Enamel on Iron.

No. D.G. 494
Cast Bronze or Aluminium.

These illustrations show only a few of our many designs.

No. D.G. 499
Unit signs
(with loose letter).

No. D.G. 498
Bronze, Plastic or Glass Push and Pull Plates.

No. D.G. 495
Bronze Plastic.

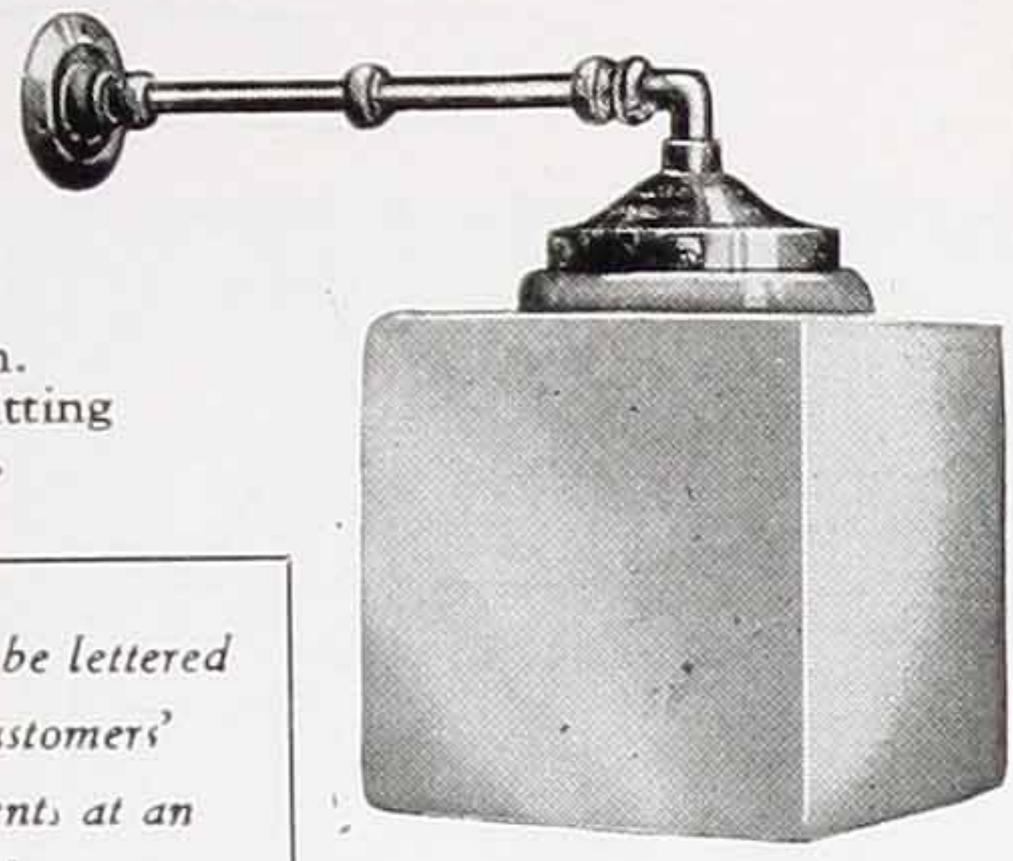
No. D.G. 496
Bronze and Vitreous Enamel.

No. D.G. 497
Copper Repousse.

MILLER STREET · MANCHESTER

ADVERTISING LAMPS
For Electric Light

No. V 987. W.I. BRACKET
½ in. Arm. 18 in. projection.
Bracket only



No. V 920
OPAL CASED GLOBES

6	8	10	12 in.
4	4	5	6 in. fitting

Globe Gallery *extra.*

Globes can be lettered to suit customers' requirements at an extra charge.

Nos. V 970 and V 940

No. V 970
W.I. BRACKET WITH WALL STAY
½ in. Arm.
18 in. projection.
Bracket only

No. V 940
12-in. OPAL CASED GLOBE
Square shape.
9×7 in. panels, 7½ in. fitting.
Globe Gallery *extra.*
(Lettering *extra.*)

No. V 9
CAST-IRON LAMP STANDARD
Painted.
(Standard only)
4 ft. 6 in., 5 ft., 5 ft. 6 in.

No. V 913
WROUGHT IRON LAMP STANDARD
15-in. high, with 4-way Scroll and Cast-iron Gallery.
6-in. fitting. Painted.
Standard only

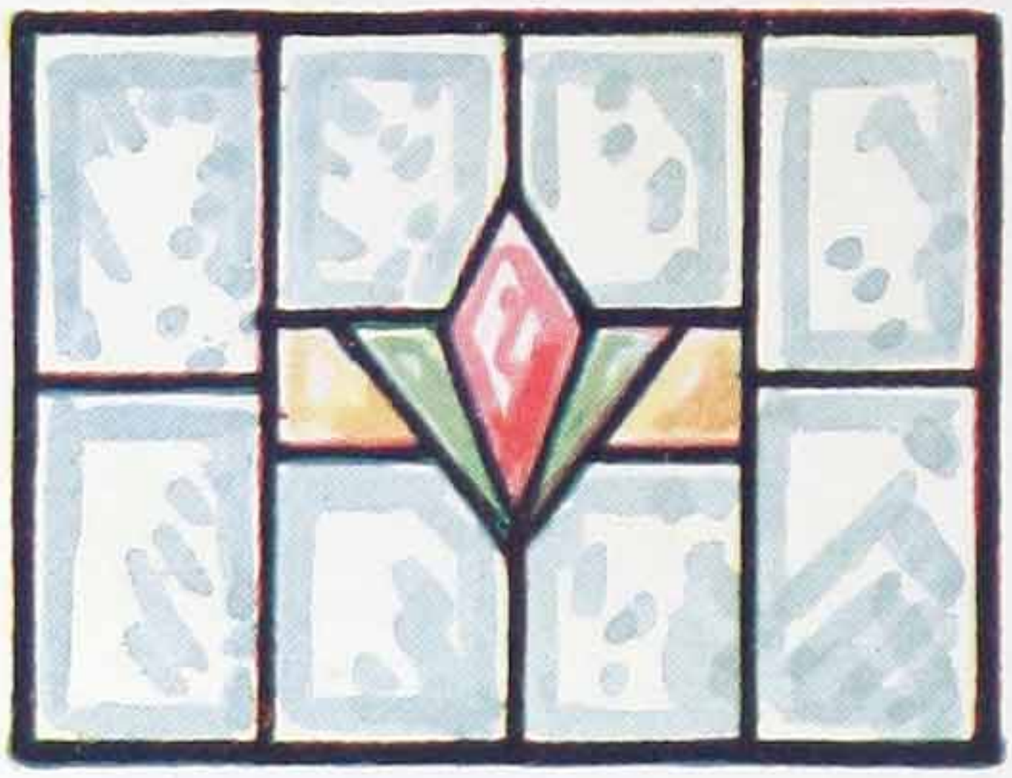
No. V 931
OPAL BALL GLOBE
As illustrated on V 913
Globe only.
12 in.
(Lettering *extra.*)

No. V 954
OPAL GLOBE
As illustrated on V 9
16 in. 6 in. fitting.

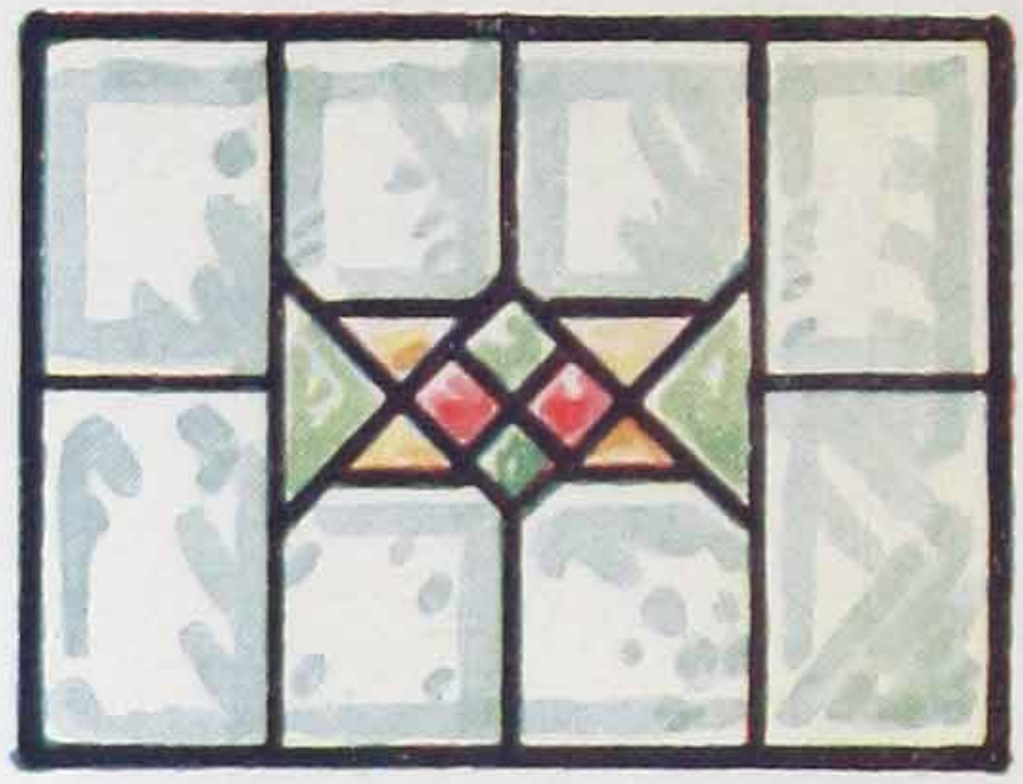
CAST-IRON GLOBE GALLERIES
Also Supplied
With or Without Globe Rest

3¼	4	5	6	8 in. fitting

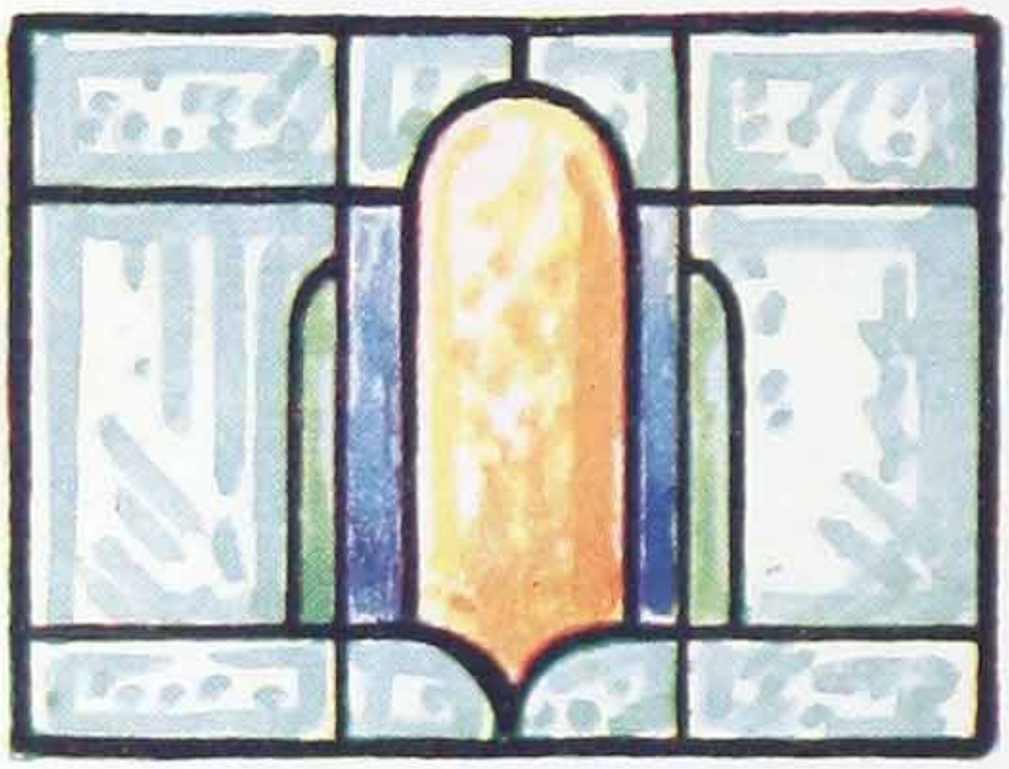
LEADED LIGHTS



DG. 21



DG. 22



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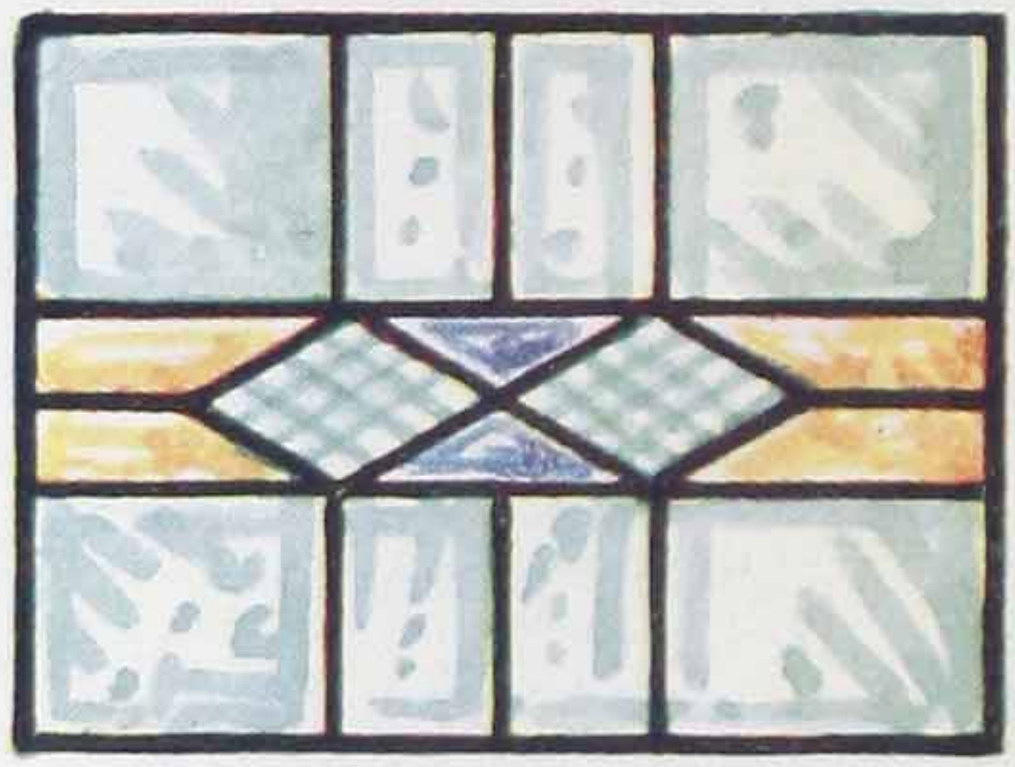

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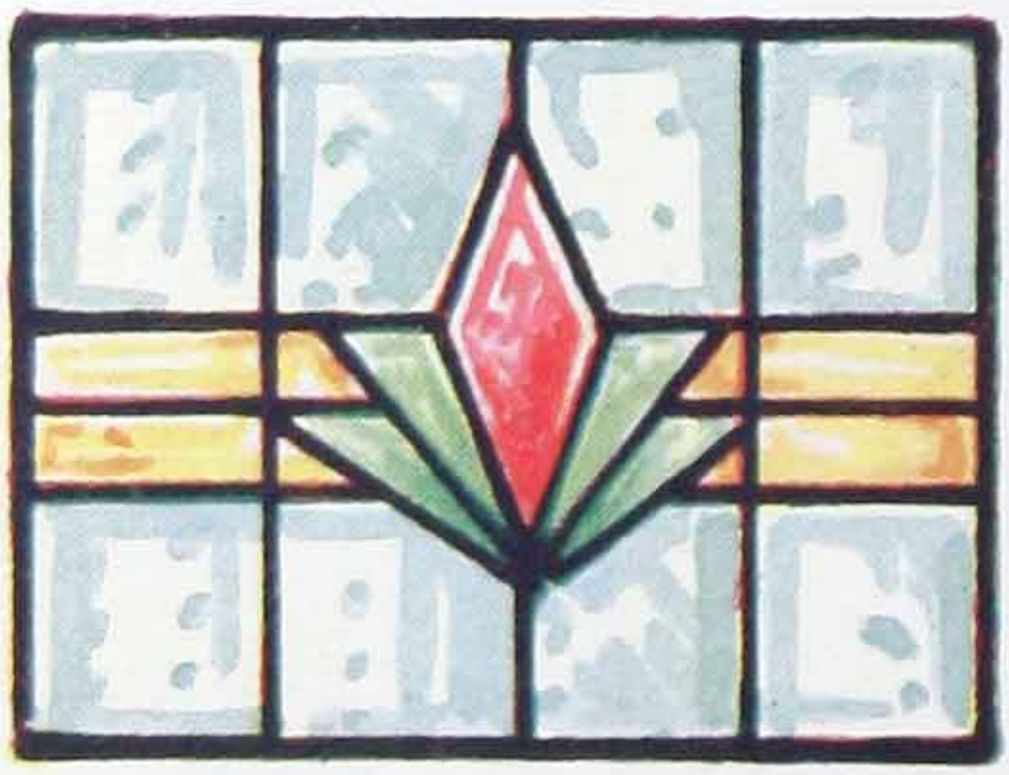

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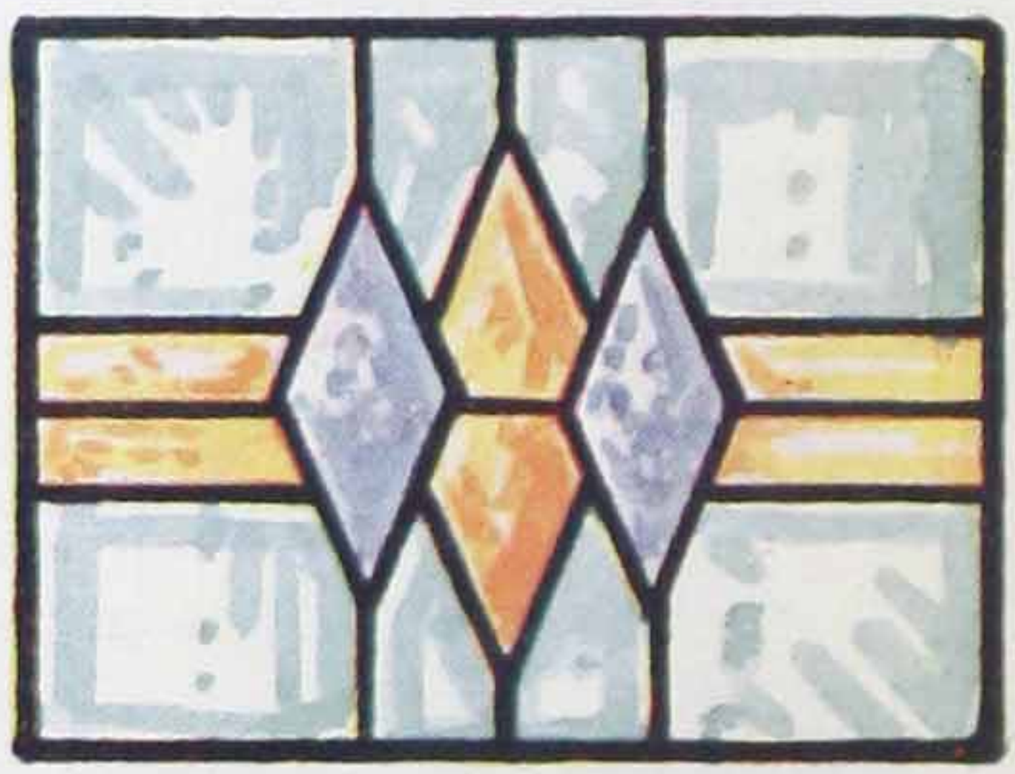
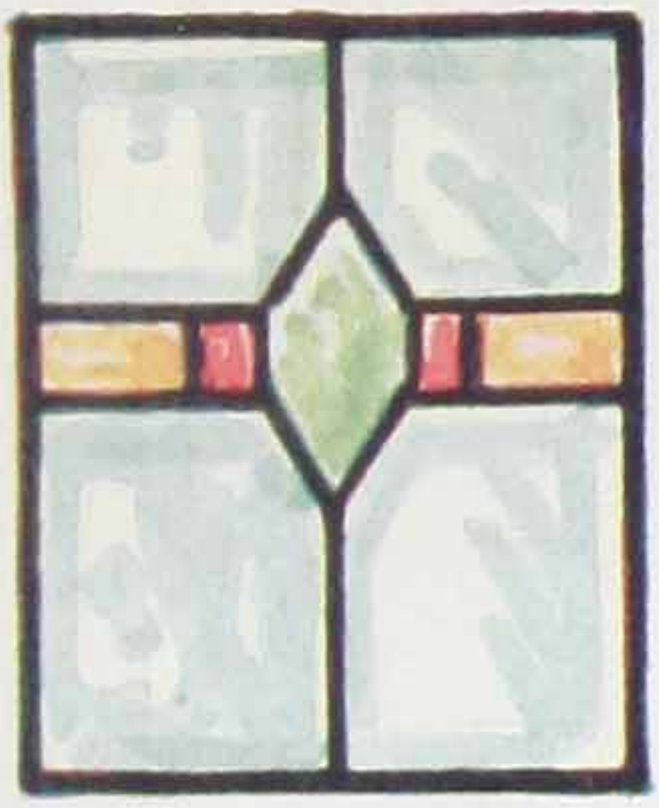


DG. 26

LEADED LIGHTS



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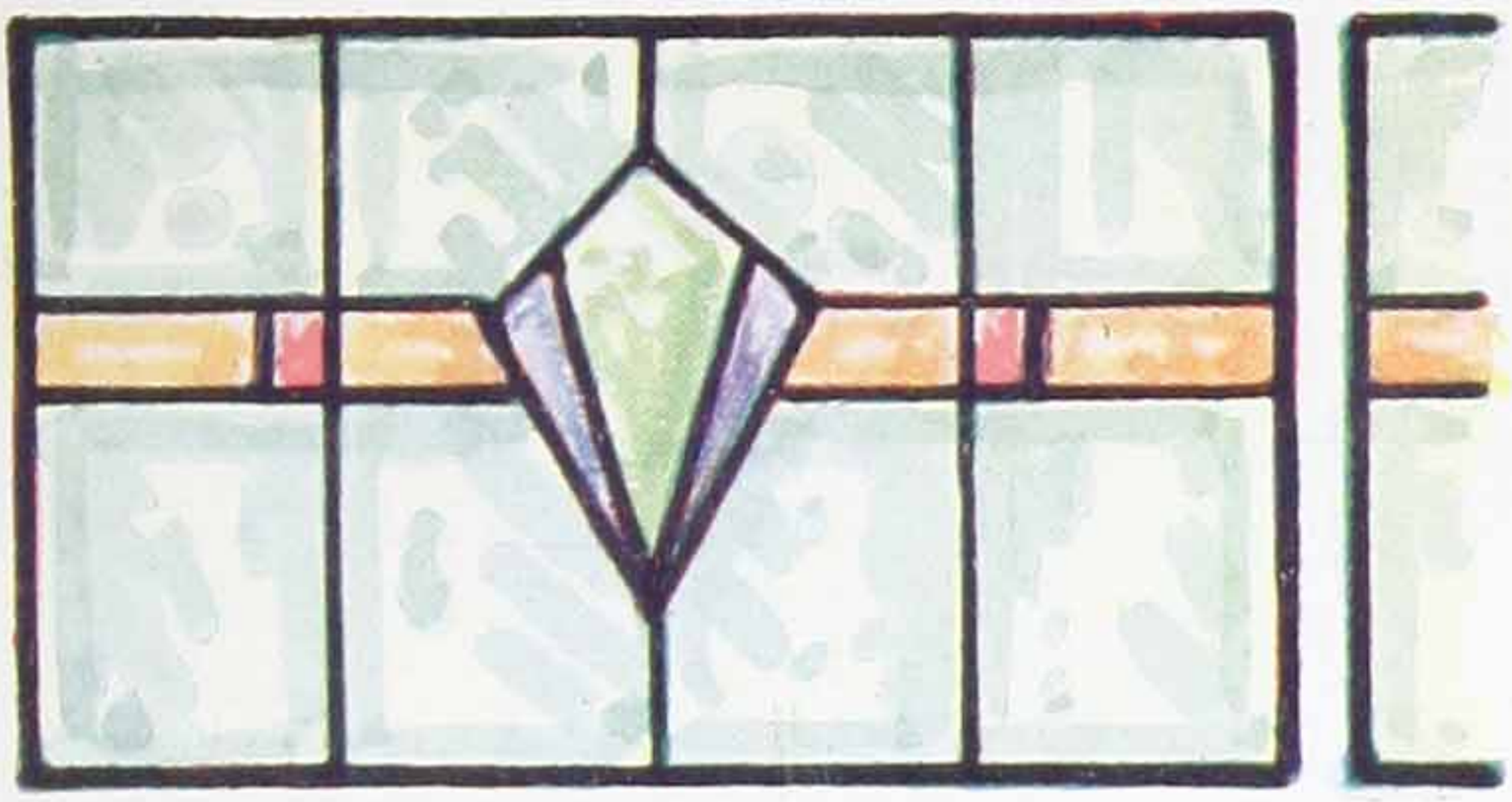

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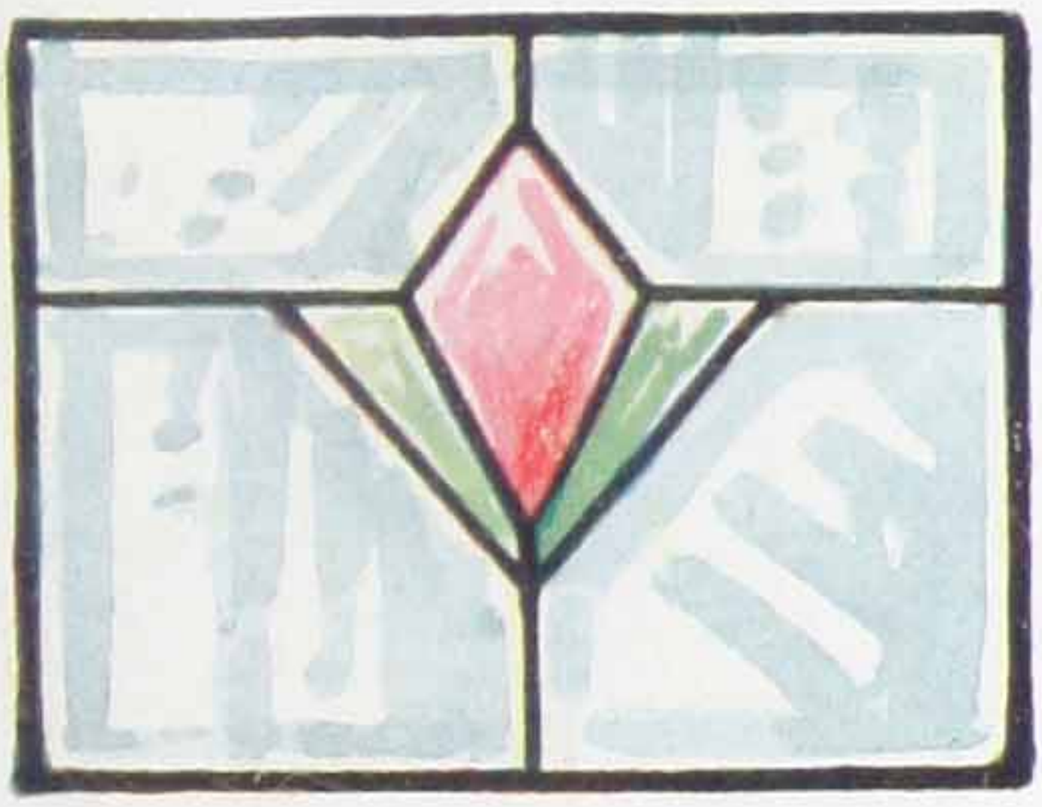

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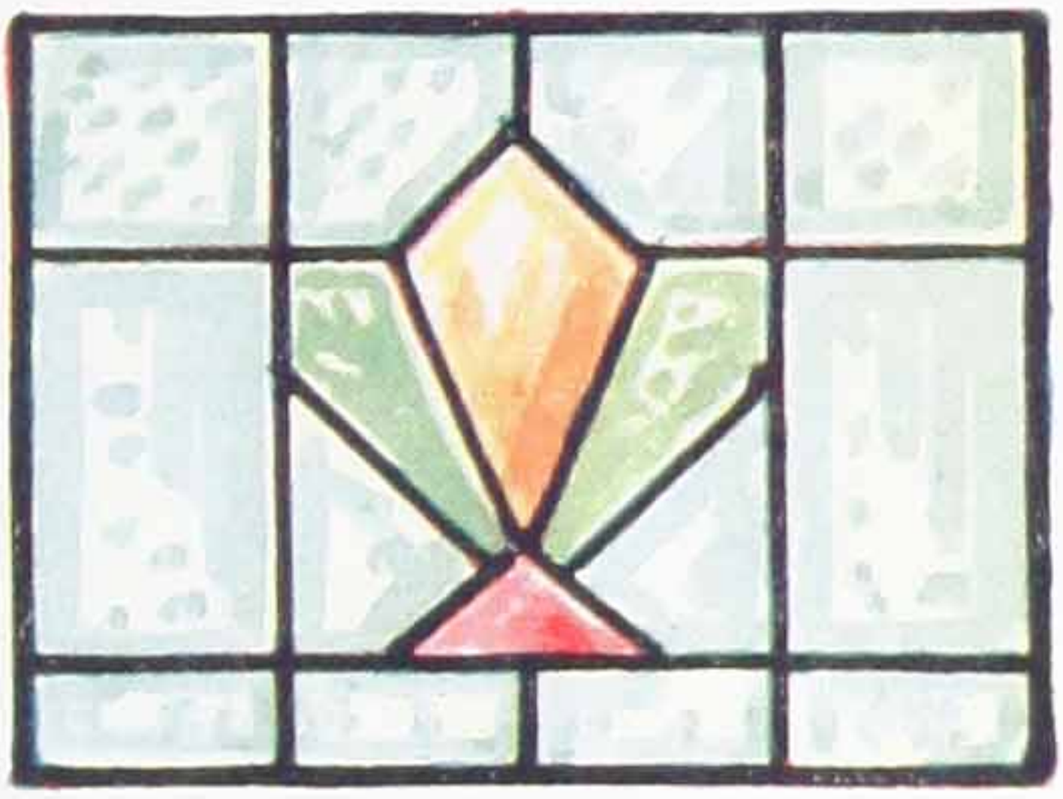

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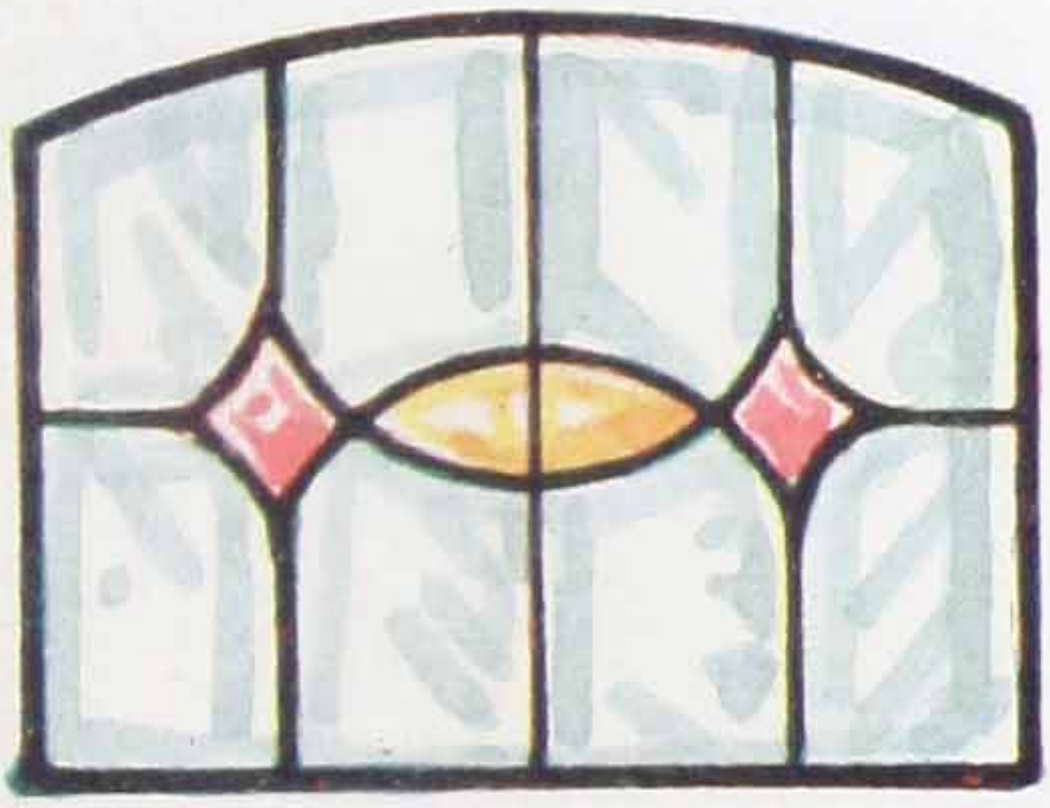

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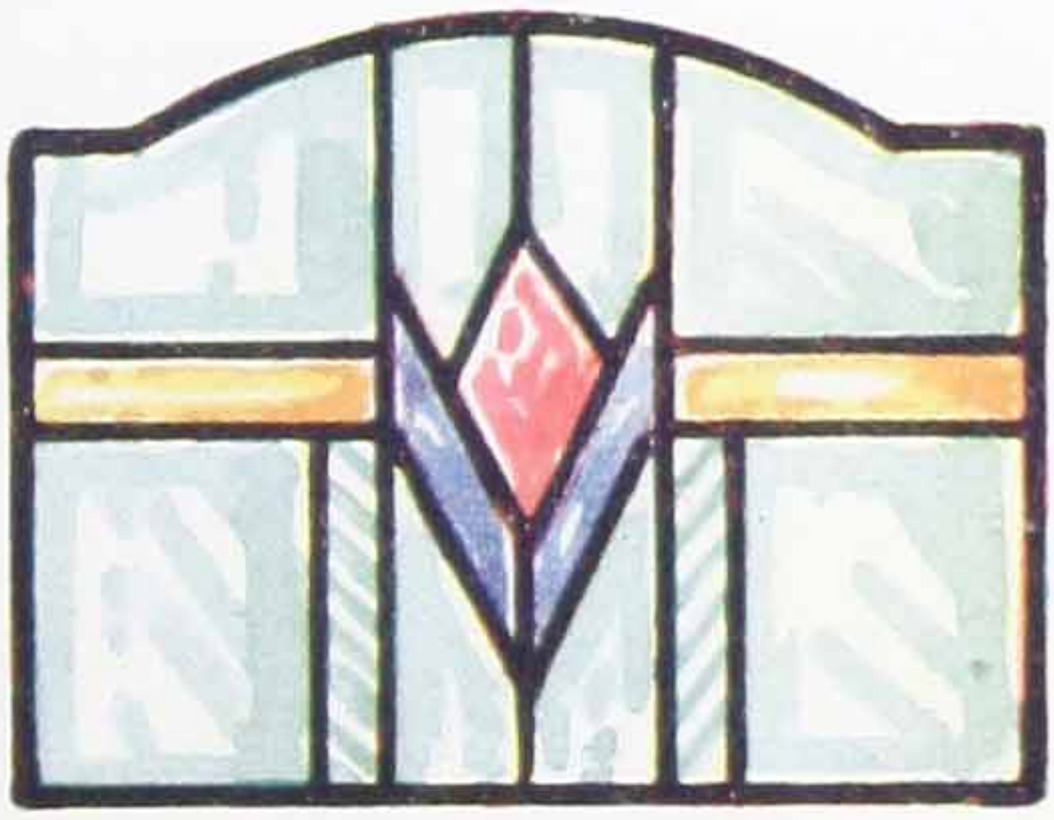
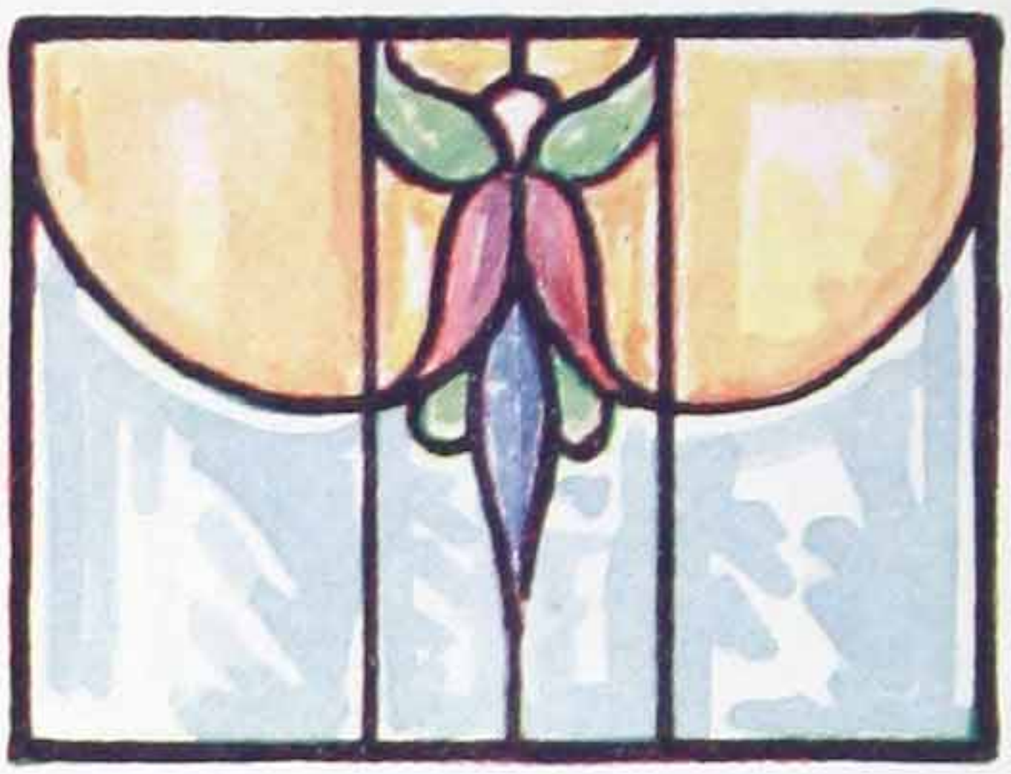


DG. 32

LEADED LIGHTS



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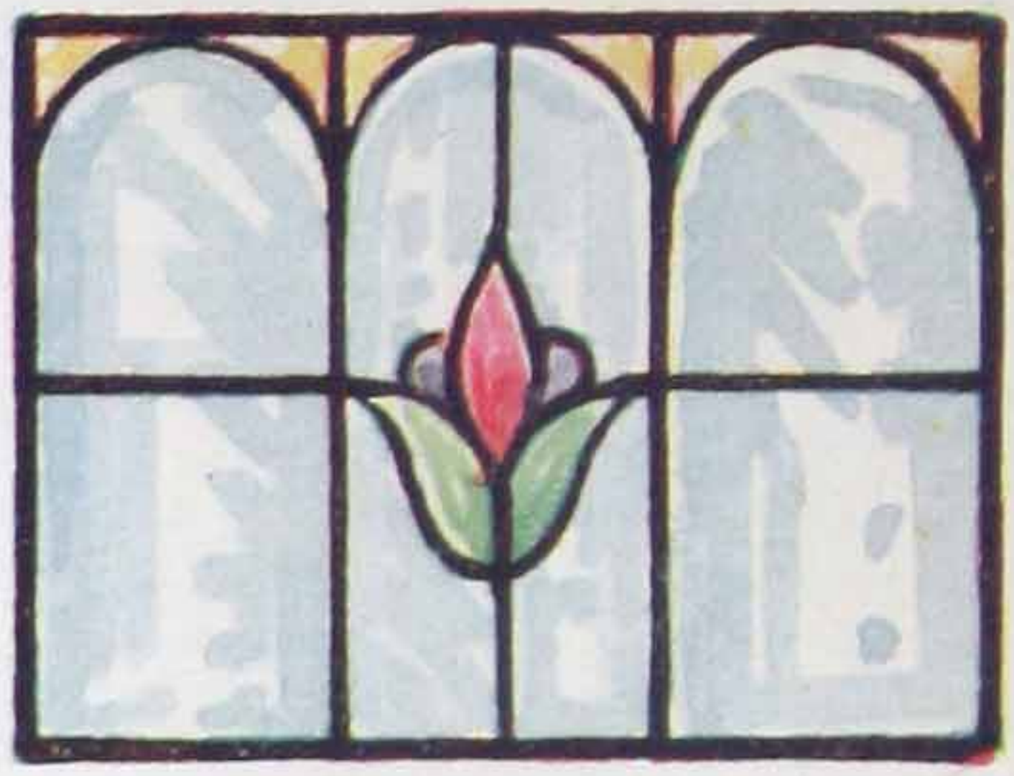
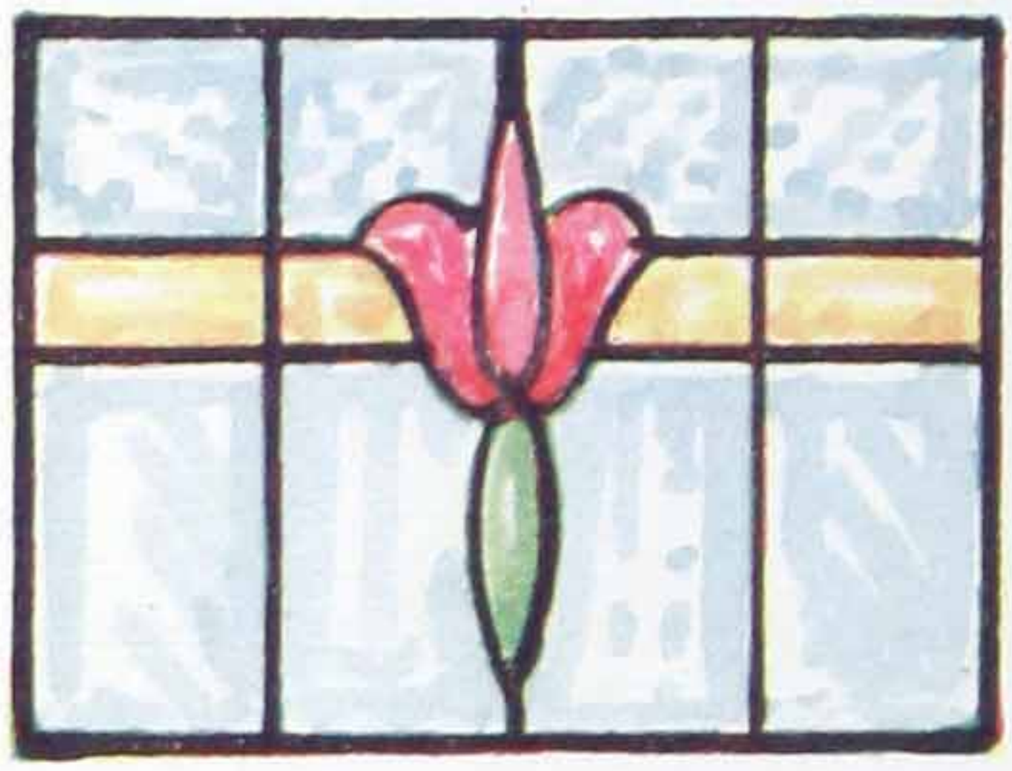


DG. 34



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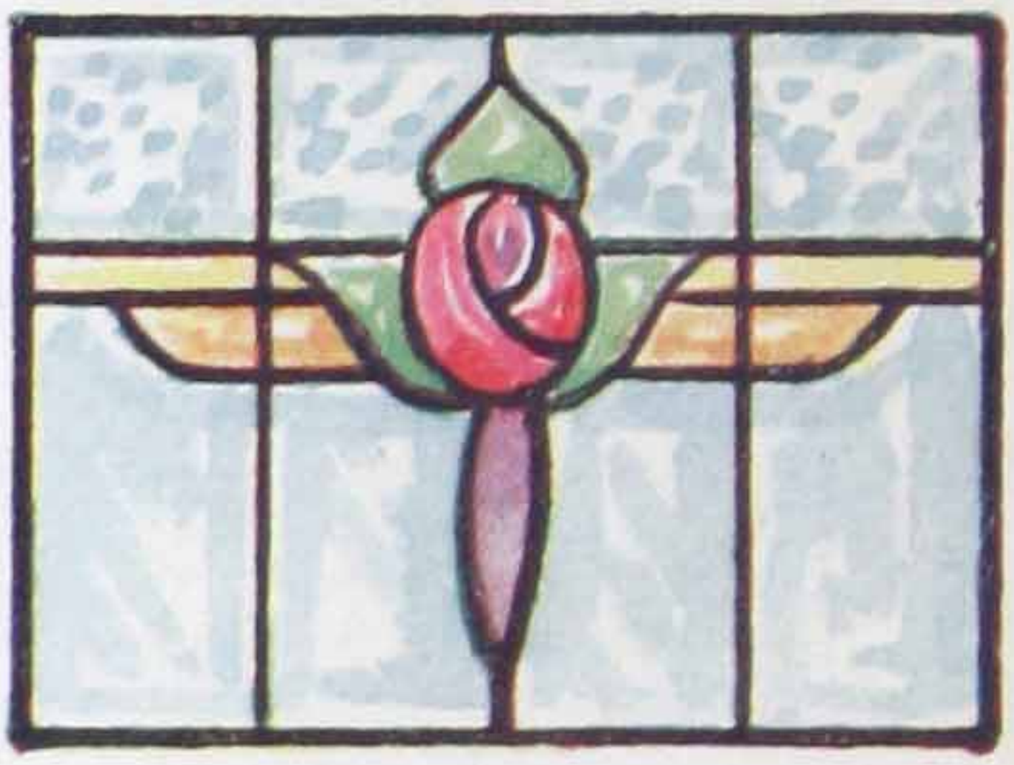

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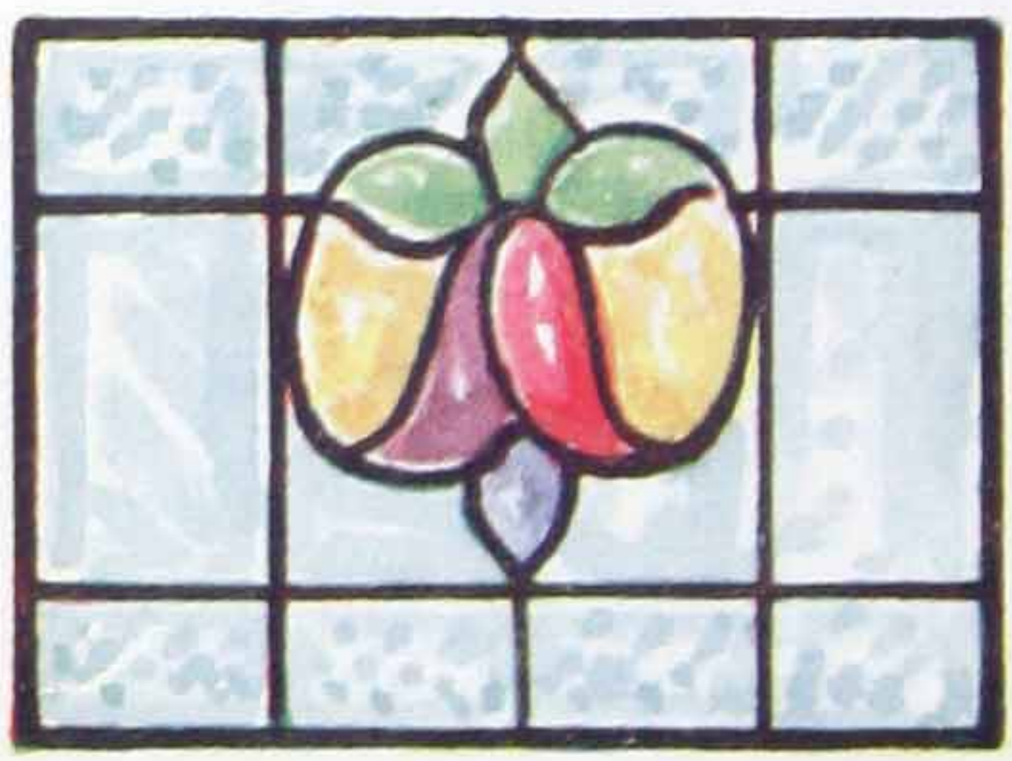

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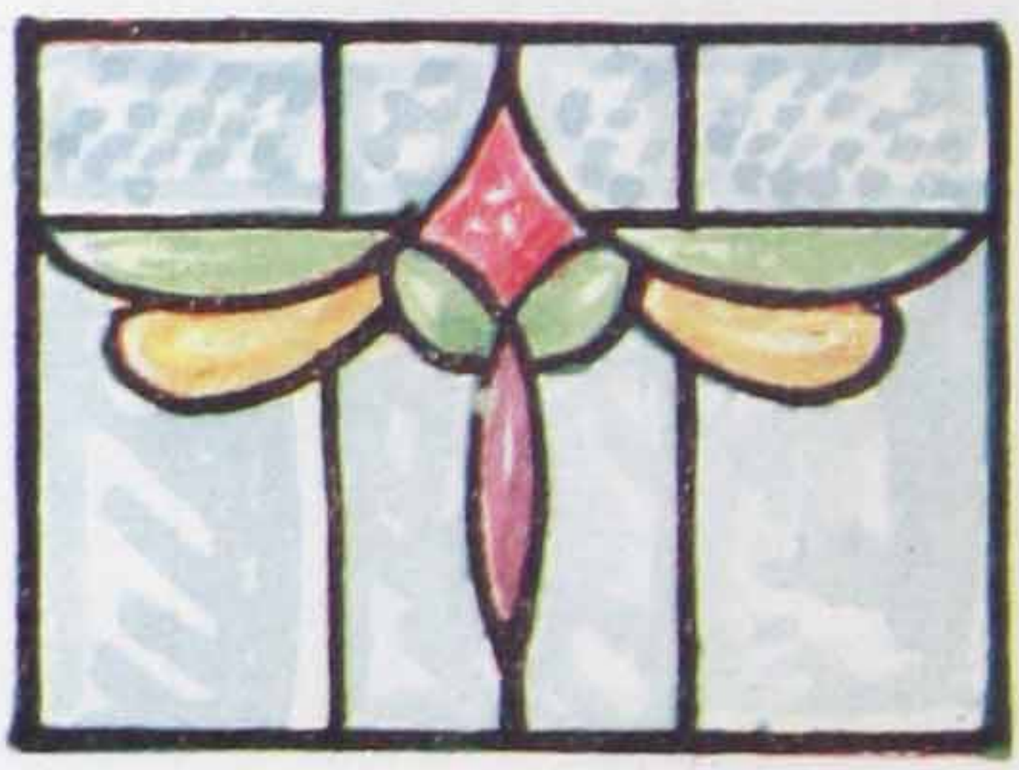
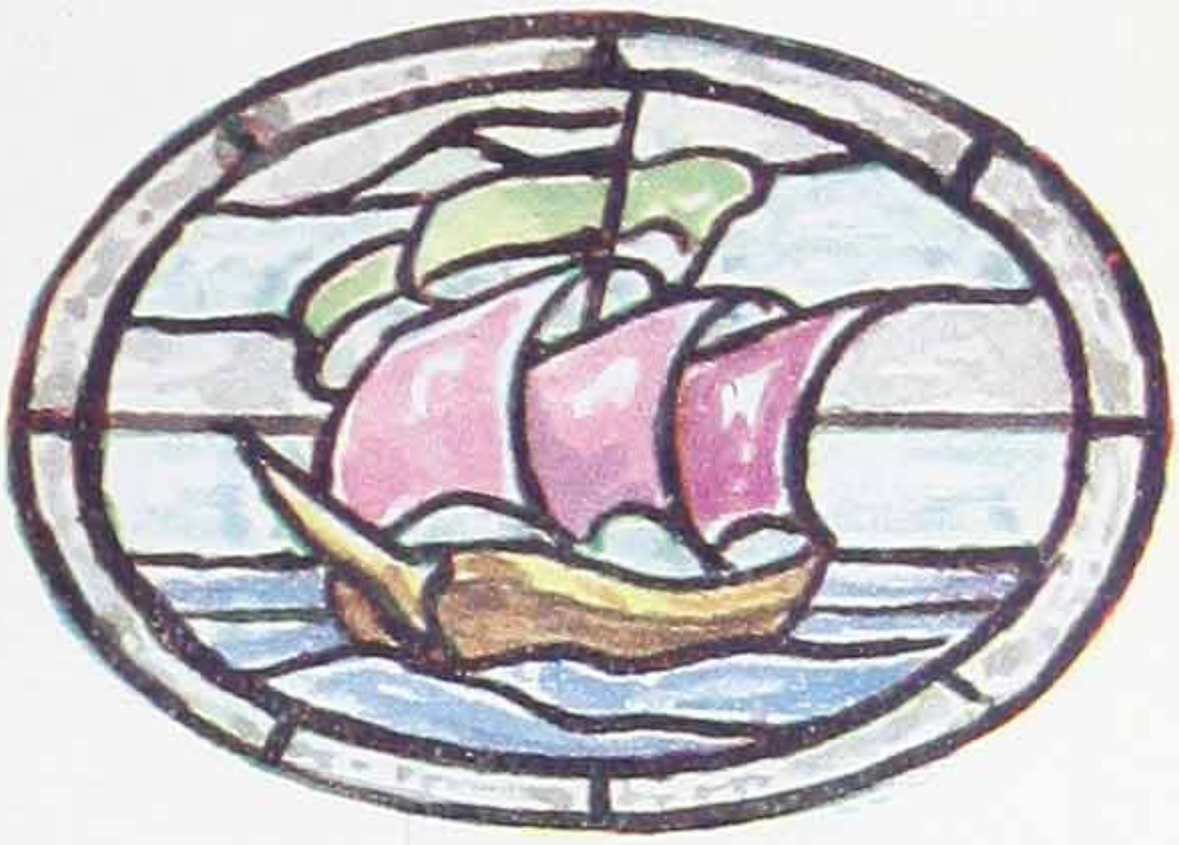


DG. 38

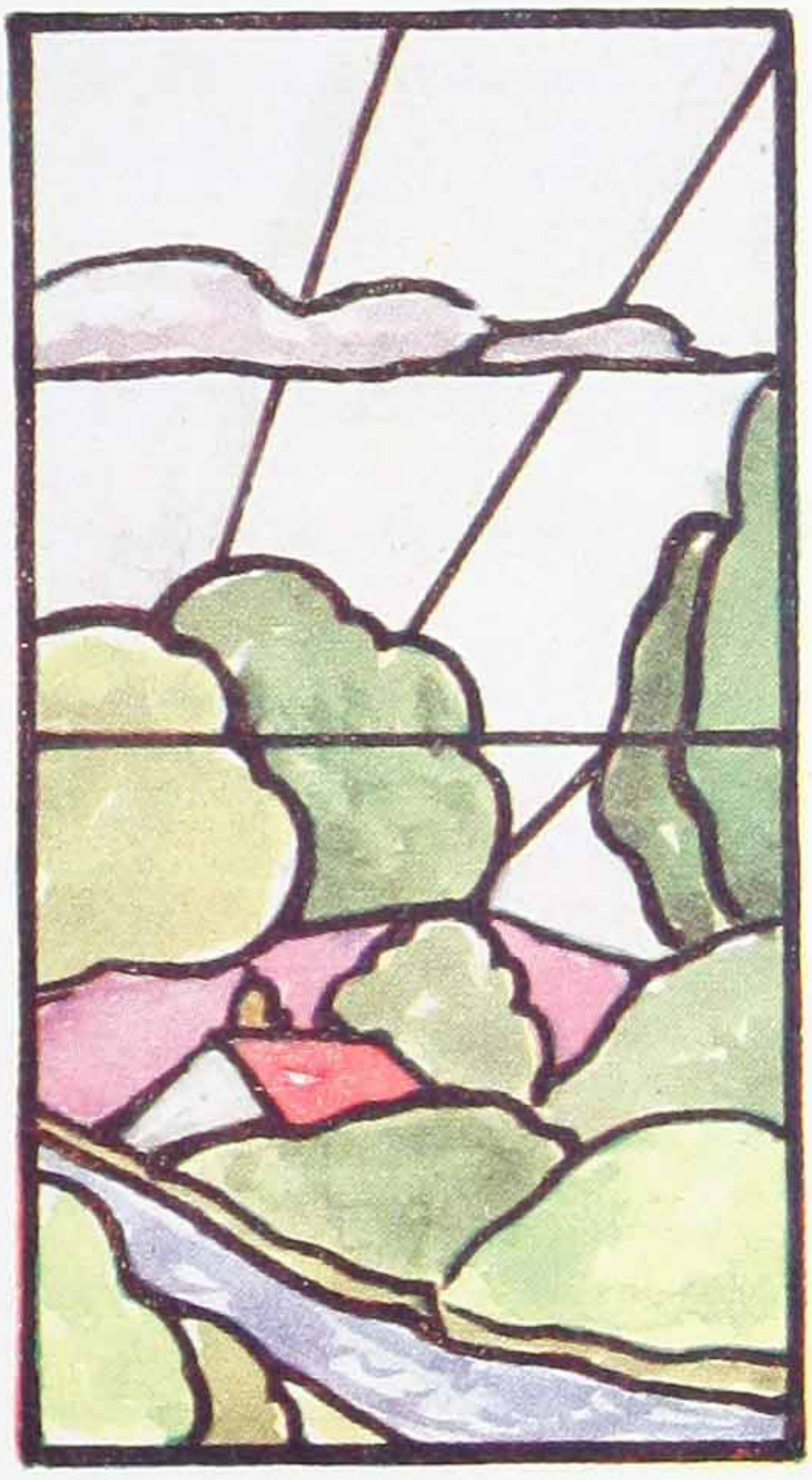
LEADED LIGHTS

DG. 39



DG. 40

DG. 41



DG. 42

"BAXINOL" SUPER GLOSS FINISH PAINT

For Outside and Inside.

A Durable Finishing Paint ready for use, *giving a lasting high Gloss.*

Having good body and covering power, it flows out easily and smoothly under the brush, and because of the reduced number of coats required it CUTS DOWN THE LABOUR BILL, besides effecting a saving of material, thus ensuring a *considerable economy in cost but giving first-class results.*

Is hard wearing and gives excellent protection against corrosion.

No Varnish is needed for "BAXINOL" SUPER GLOSS FINISH PAINT, and one coat produces better results than one coat of Paint and one of Varnish.

Made in White, Black, and 18 Standard Shades, but any colour can be supplied.

"BEANCO" GENUINE WHITE LEAD LIQUID PAINT

For Inside and Outside Use. Suitable for all classes of work.

Made from
GENUINE ENGLISH
WHITE LEAD
AND GENUINE LINSEED OIL
WITH BEST PATENT DRIERS

It is carefully prepared by special machinery, and it will be found absolutely **Reliable and Durable.**

Made in Flat, Gloss, and Semi-Gloss.

Packed in ½ gallon tins.

"BEANCO" FINEST READY MIXED PAINT

No. P 579

For Inside and Outside Use.
Mixed Ready for Use.

These Paints are made of the Highest Grade Materials, and are recommended for **Uniformity, Covering Power,** and **Durability.**

Supplied in 16 tints.

Packed in ½ pint to ½ gallon Lever-top Tins.

"BEANCO" ALUMINIUM PAINT

No. P 580

Made from Pure Aluminium Powder. Will stand more heat than any ordinary paint or enamel, will not blister, or peel off. Has immense covering power.

"BEANCO" WHITE ENAMEL

No. P 581

For Interior and Exterior Use.

"BEANCO" White Enamel is of excellent quality and gives a finish equal to porcelain tiling.
"BEANCO" White Enamel is a free-flowing Enamel which **will not crack.** It can be used anywhere and in any position. It is **Snow White** in appearance, and has no blue tint ; dries with a perfectly smooth, hard, and brilliant surface of extreme durability. **Economical in Use.**
"BEANCO" White Enamel has a covering capacity of about 80 square yards per gallon over a properly prepared surface.

"BEANCO" WHITE ENAMEL (For Baths)

In ½ pint and 1 pint tins.

RATCLIFFE'S OIL SCUMBLES

For figure and brush graining, glazing, etc.

Rich permanent and strong Colours.

Do not require expensive grounds.

They work easier, streak better, and go farther than any Graining Colours.

Once the ground colour is dry, work can be scumbled and varnished the same day
No waiting for drying.
In 1 lb. and ½ lb. tins.
Rosewood, Mahogany and Green
Light Oak, Satinwood, Medium Oak, Pitch Pine, Dark Brown, Antique Oak, Fumed Oak, Bog Oak, Walnut, Jacobean Oak, Old Oak, Zebra-wood, Black and Grey.

Water Scumbles also available in same colours.

BAXENDALE & CO. LTD.

DRY COLOURS

For all Purposes :—Distempering, Scenic requirements, Tinting, Blending, Mixing, etc.
Also for Cement mixtures and general contracting.

COLOURS, in OIL, TURPS and WATER

All the standard colours and shades can be supplied and many of the specialities for graining purposes.
Particular attention is paid to fine grinding.

WHITE LEAD

White Lead sold under our brand "BEANCO" is **Double Ground**. Beside being noted for its **Fineness of Texture** in the paste form, it is *superior in colour*, and has **Greater Covering Power** than ordinary ground White Lead.

"BEANCO" WHITE LEAD IS STACK-CORRODED, AND ENGLISH.

FINEST DRYERS (Paste)

Liquid (Terebene).

FINE COLOURS in Collapsible Tubes

FOR HIGH-CLASS DECORATING. GROUND IN OIL.

HOW FAR PAINTS WILL SPREAD

An Authority on paints, after making a series of carefully-conducted experiments gives the following figures, which represent the number of square feet covered by 10 lbs. of paint of the usual consistency, applied evenly with a brush.

ON WOOD	First Coat sq. ft.	Second Coat sq. ft.
Red Lead	112	252
White Lead	221	324
Oxide of Zinc	378	453
Red Oxide	453	540
Raw Linseed Oil (no pigment)	756	872
Boiled Linseed Oil (no pigment)	412	540

ON METAL	sq. ft.
Red Lead	477
White Lead	648
Oxide of Zinc	1,134
Red Oxide	870
Raw Linseed Oil (no pigment)	1,417
Boiled Linseed Oil (no pigment)	1,296

MILLER STREET · MANCHESTER

GOLD LEAF, Etc.

For Carvers, Gilders, Sign Writers, Decorators, etc.

P 710—Best deep English Gold Leaf. Loose.

P 711—Best deep English Gold Leaf. Transferred on to tissue paper, for sign writers' and decorators' use.

BEANCO POWDERED DISTEMPER

FOR WALLS AND CEILINGS

No. P 730

An economical and cheap Powdered Distemper requiring **mixing with water only.**

Packed in convenient form for handing out with the minimum of trouble for retailing purposes, or for small jobs, where the correct quantity can be given without waste.

20 Artistic Shades.

Packets of approx. 3 lb.

ARDURO WATER PAINT

(Regd.)

WASHABLE, ECONOMICAL, DURABLE, ARTISTIC AND SANITARY

ARDURO has been proved, after many years, to be the premier **Water Paint.**

It is made up in paste form and is readily mixed with cold water. After application, Arduro dries perfectly flat, giving a rich decorative and artistic effect which is greatly appreciated by architects and decorators.

ARDURO will not rub off as do most distempers.

ARDURO is not a distemper. It acts as a disinfectant. It can be varnished. It has many advantages over similar preparations, giving perfection of surface with great durability. It is easily applied.

Directions for applying.—It will be necessary to remove all old size, whiting or limewash materials, thus securing a clean ground before using Arduro. In preparing Arduro the following proportions will be sufficient to mix it to a working consistency:—One pint of water per 7 lbs. of Arduro or half-pint of water per 4 lbs. If more water than above is added, the washable properties are reduced, and the work may not come out solid.

Repairs in plaster, where needed, should be executed with a mixture of plaster and body-colour Arduro to shade of walls, or on new work to finishing coat. After the first coat, touch up with the solid material. Where repairs have been executed previously by plasterer, these should be touched up after first coat with flat colour of the finishing shade.

Nos. 215, 218, and 220 are not lime-resisting, and should not be used on new plaster.

ARDURO LIQUID

A special preparation used as a petrifying agent with Arduro body colour, especially for outside work, curing the suction of porous surfaces. It is colourless, and therefore will not alter the tint of the paint. Supplied in a specially concentrated form to arrest decay in brick and stone.

VARNISHES, Etc.

All thoroughly matured, carefully tested, and reliable.

P 617

"BEANCO" ALL-PURPOSE FINE COPAL VARNISH

For Outside and Inside Use

Dries thoroughly hard, with a first-class gloss which is lasting and durable. Guaranteed to stand rain and damp without blooming. Not affected by frost and will withstand the hottest sun without cracking.

In gallon, ½ gallon and quart tins.

P 618

PAL-AM-VAR

Pale—Amber—Varnish

Pure Gum Free from Resin.

Pale in colour and of good lustre. Hard-wearing, and dries in a few hours.

In two qualities for INSIDE or OUTSIDE.

SPIRIT VARNISHES, STAINS, POLISHES, Etc.

P 632—**White Hard Spirit Varnish.**
P 633—**Brown Hard Spirit Varnish.**
P 634—**French Polish.**
P 635—**White Polish**
P 636—**Transparent Polish.**
P 637—**Button Polish**
P 638—**Patent Glaze,** for finishing.
P 640—**Shellac Varnish.**
P 641—**Spirit Stains,** for Staining Wood. (Flat or Varnish)
P 643—**Coffin Varnish.** A quick drying Varnish.
P 645—**Methylated Spirits, and Finish.**

POLISHERS' SUNDRIES

Dry Raw Sienna.
Dry Burnt Sienna.
Dry Vandyke Brown (Powdered and Crystals)
Bichromate of Potash.
Polishing Rags.
Gum Benzoin.
Orange Shellac.
White Shellac.
Button Shellac.
Spirit Aniline Stains in all colours.
Mahogany Crystals.
Wood Filler.
Glues.
Gum Sandrac.
Sand Paper.

WOOD STAINS, ANILINE CRYSTALS and DYES

P 650—In powder, in Mahogany, Oak, Walnut, Rosewood, and Ebony.

PAINTERS' SUNDRIES

SPONGES
No. P 932

Large stocks in all grades and in sizes suitable for all work, i.e., for Painters, Motors, Carriage Builders, etc.

CHAMOIS LEATHERS
No. IR 5900

Carefully selected, best quality.
Full Range of Sizes Stocked.

SOAPS

Carbolic Soap (bars), **Household Soap**, Pale (in bars), **Soft Soap** (pale Amber), in ½ cwt. net weight drums, **Concentrated Liquid Soap.**

PUMICE STONE, Etc.

Lump Pumice, selected pieces for Painters, Coachbuilders, etc.
Artificial Pumice Blocks in various grades.
Pumice Powder.

GLASS PAPER AND EMERY CLOTH

Glass Paper and Glass Cloth.
No. 0 to F2, M2—S2, 2½—3.

Emery Cloth 00 to 1½, 2 to 3.

WATERPROOF FLINT PAPER

Perfectly waterproof—can be soaked in water indefinitely—the back is finished so as to give a good grip to the hand and not slip when wetted.
In sheets 9 in. by 11 in.

EMERY POWDER, in all Grades.

OIL DRUMS
No. P 861

Safe Economic Clean

Made of terne coated steel. Designed for the storage of oil for all purposes, especially for use in connection with Heaters and Cookers.

Fitted with filling bung, with brass ring and leather washer at top, and ½ in. tap fitted at bottom.

An economical container for general household use ; keeps oil free from dust and dirt, and provides a quick and easy means of filling lamps and stoves.

5 gallon size :
17 in. high × 10½ in. diameter

10 gallon size :
20½ in. high × 13½ in. diameter

BAXENDALE & CO. LTD.

BEANCO GENUINE LINSEED OIL PUTTY

MADE FROM BEST WHITING AND
PURE LINSEED OIL

Special attention is given to the manufacture of this, and any quantity, small or large can be supplied. We can also make up to order or specification any special mixture or colour to suit customers' requirements for any purpose.

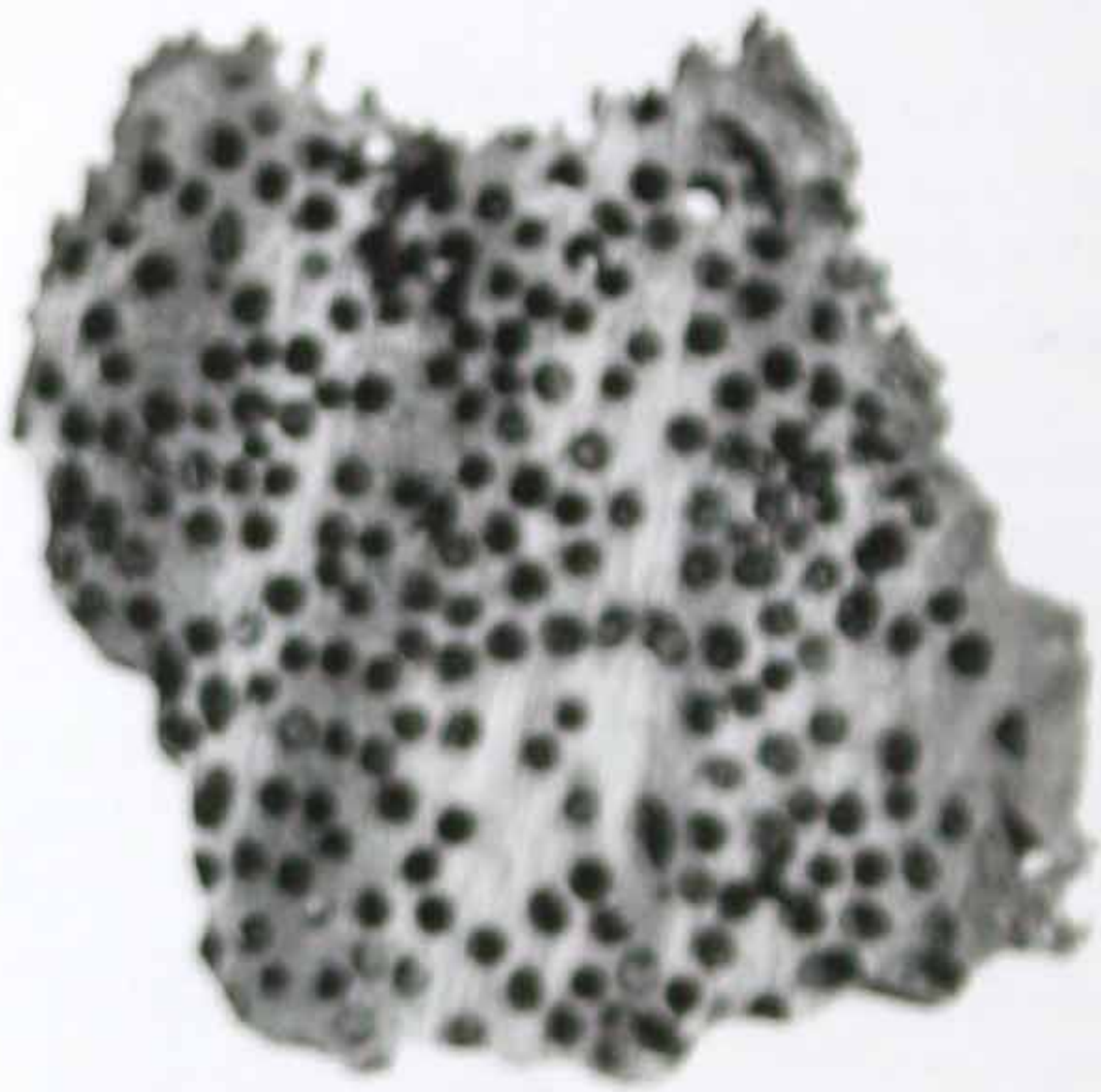
In 1 cwt., ½ cwt., and ¼ cwt. kegs,
and smaller quantities as required.

"BEANCOLITE"

(Regd.)

PRESERVATIVE WOOD STAIN

Prevents Decay, Dry Rot, and Fungoid Growths in all Timber.



An untreated piece of wood (from an actual photograph).

Invaluable for the Preservation of Beams, Poles, Fences, Hoardings, Sheds, and Wooden Erections of every kind; also for Wood Paving Blocks, etc.

Woodwork impregnated with **Beancolite** is effectually preserved against the effects of Dampness and Exposure and is also protected against the **ravages of insects.**

Specially recommended for timber fixed entirely or partly underground.

Beancolite makes it possible to secure **Artistic effect, with Absence of decay.** The beautiful **nut-brown stain** secures the one, and the disinfectant preservative element, the other.

Method of Application.—Apply by brush liberally to secure absorption of as much of the preparation as possible. *If applied* hot greater penetration is secured. Where possible **immersion** is better still.

MILLER STREET · MANCHESTER

CUPRINOL

SOME OF ITS MANY USES

The following list gives a general indication of the uses of the various grades of Cuprinol :—

Boat-building.—Green for Timber (or Oak or Clear).

Building Construction.—Green for Timber (or Oak or Clear).

Canvas.—Texaprufe or Proofer No. 3.

Deck Chair Canvas.—Texaprufe.

Dry Rot.—Green for Timber.

Fences.—Brown for Timber (Heavy Duty).

Fishing Nets and Lines.—Green or B.C. Green for Fishing Nets.

Floor boards.—Cuprinol Oak or Clear or Cuprinol Wood Dyes.

Forcing Frames.—Green for Timber.

Garden Nets.—Texaprufe.

Gate Posts.—Brown (Heavy Duty).

Garden Furniture.—Oak or Clear for Timber.

Glasshouses.—Green—this may be painted if required.

Joinery.—Green or Clear for Timber.

Portable Buildings.—Brown (Heavy Duty). If the woodwork is to be painted use Standard Timber Grade.

Ropes.—Texaprufe or Proofer No. 3.

Seedboxes.—Green for Timber.

Shop Blinds.—Texaprufe Clear.

Sports Nets.—Texaprufe.

Tarpaulins.—Texaprufe or Proofer No. 3.

Woodworm in Furniture or Structural timbers.—Cuprinol Woodworm Killer.

Yacht Sails.—Texaprufe.

"RENTOKIL"

Timber Fluid: "A" for *polished* woodwork "B" for unpolished beams, floors, etc. "C" for use where food is stored (quick-drying). Not for surfaces already polished. Surfaces can be painted or polished soon after treatment.

You can stop Dry Rot. You cannot afford to ignore Dry Rot, but don't lose hope at the first signs of it. Large-scale structural repairs need not be necessary. There is an antidote! Rentokil Dry Rot Fluid—colourless, odourless, non-bleeching, deeply penetrating and an excellent primer—is *absolutely* effective against Dry Rot, Wet Rot and other fungal attacks. Give all woodwork a protective brush-coat with Rentokil Dry Rot Fluid without delay.

OIL CABINETS

The Cabinet is made of Tinned Steel with Galvanised Iron bottom, and Enamelled **Bright Red**.

It shuts up, and is DUSTPROOF, and owing to its double lid is entirely free from smell.

There is never any leakage with Cabinets.

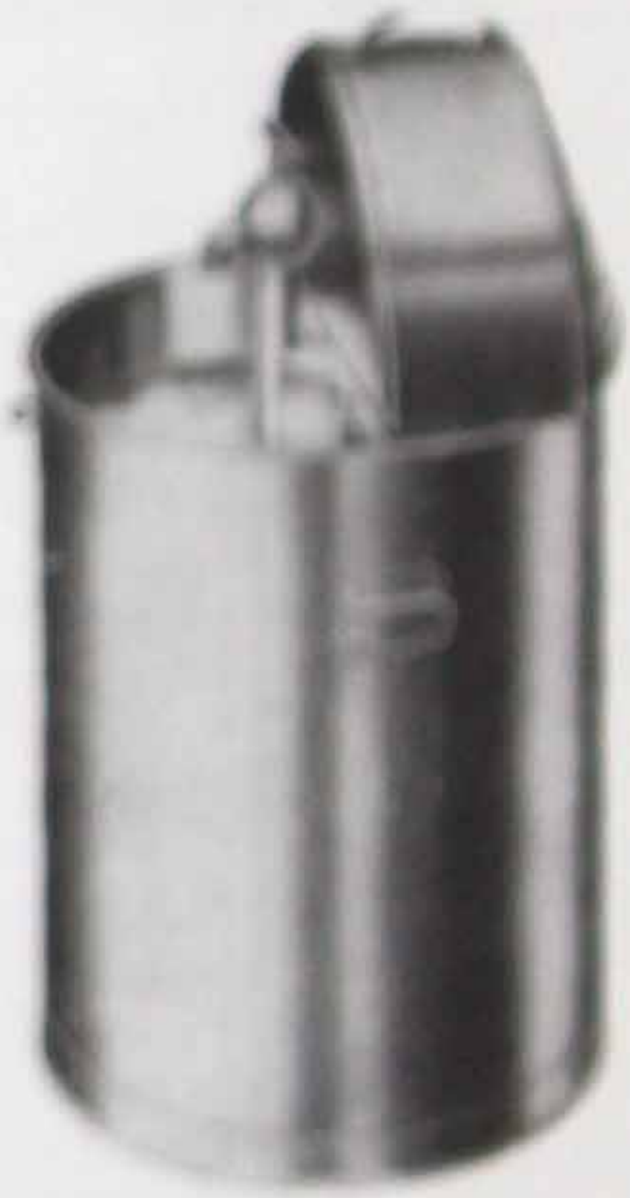
Cabinets have no Taps.

Any overflow runs back into the Cabinet.

With a Cabinet the barrel may be returned immediately uncorked, and the deposit refunded. The use of Cabinets ensures cleanliness and freedom from all smell.

The saving of leakage by the use of a Cabinet will pay for it in a short time, and also obviates all danger.

Capacity Stock Sizes	Height (Cap included)	Diameter
6 gallons ...	2 ft. 2 in.	1 ft. 2½ in.
12 " ...	2 " 8½ "	1 " 8½ "
20 " ...	3 " 6½ "	1 " 8½ "
30 " ...	3 " 8½ "	1 " 10½ "
50 " ...	3 " 7½ "	2 " 0½ "



No. P 866.
Cabinet Open

BAXENDALE & CO. LTD.

BETEX DAMP WALL PREPARATION

Betex is clean, harmless, and has no deleterious action whatever. In exposed positions especially, the weather conditions—wind, rain, frost, and sun—are continuously playing their part in disintegrating the material of which the property is built.

The appearance of the building, whether brick, stone or concrete, is not altered. Betex soaks into the porous surface, remains there as an invisible barrier to moisture, acting as a binding material, thus preventing deterioration or decay.

BETEX should be applied when the weather is dry, and the surface to be treated should be as dry and absorbent as possible to get the most successful result. We recommend two applications.

IN TWO HOURS IT WILL BE FOUND THAT NO MOISTURE WILL ADHERE TO THE SURFACE SO TREATED. Throw some clean water against it and observe the result! We have tested the same surface MANY YEARS after application and the same effect remains.

How to Use

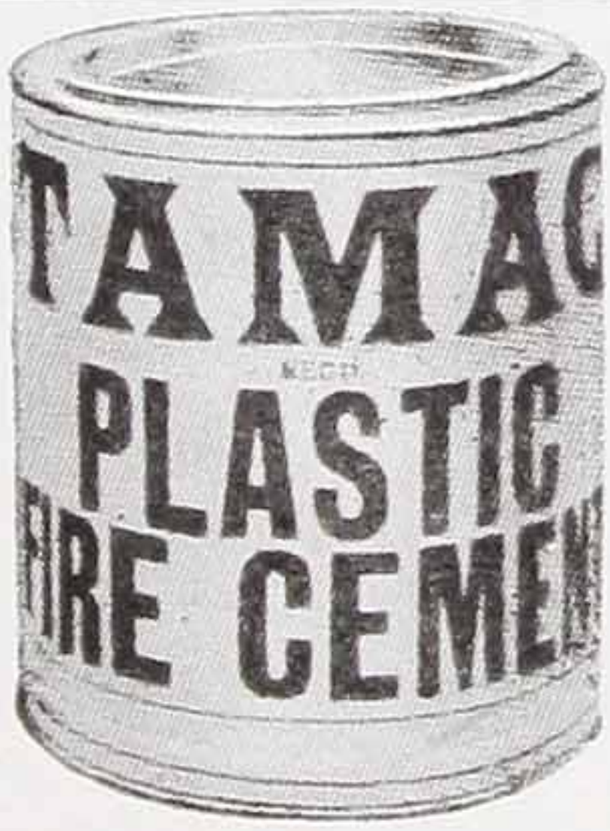
BETEX is applied by means of a paint brush. All brickwork, stone, or cement, should be brushed perfectly clean with a wire or other stiff brush, and the liquid applied liberally, taking care to see that every spot is treated. IT IS OF NO USE FOR WOOD.

TAMAC PLASTIC FIRE CEMENT

For building or setting and repairing the fire-brick work of Fireplaces, Ranges, Stoves, Ovens, etc.

Withstands high temperatures without crumbling or contracting.
Ready for Use.

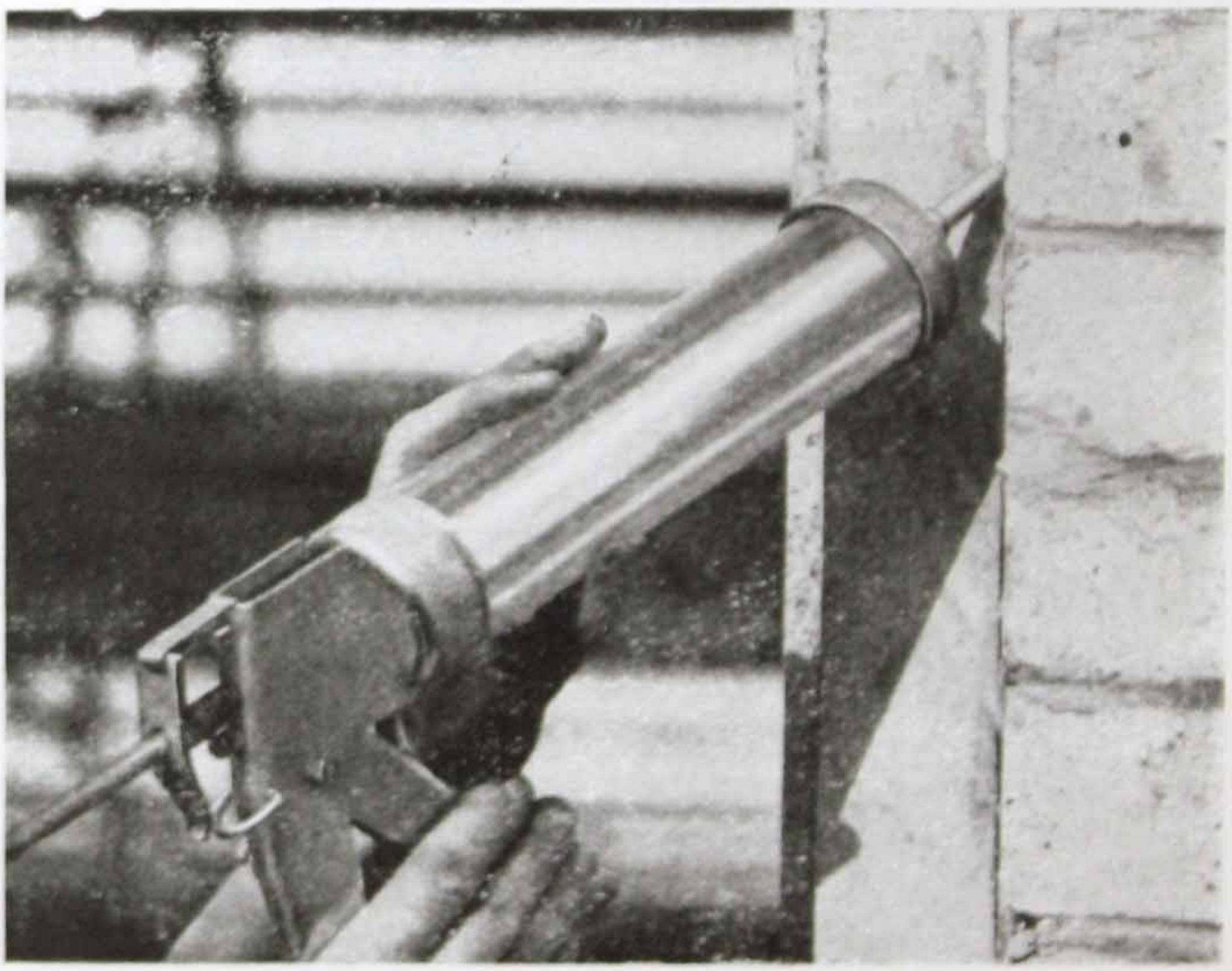
In tins from 1 lb. to kegs of 1 cwt.



PURIMACHOS FIRE CEMENT also stocked.

LANCASTER · LEEDS · BLACKPOOL

BAXENDALE & CO. LTD.



MILLER STREET · MANCHESTER

SEELASTIK

" Seelastik's " unusual properties as a Sealing, Bedding and Caulking Compound have been known for years to the building trade.

" Seelastick " seals the joint between any two dry and clean surfaces—wood to brick, glass to metal, metal to brick, etc. It gives a lasting, flexible seal that is resistant to weather, heat, moisture, dust and is non-toxic.

HOW " SEELASTIK " IS APPLIED

" Seelastik " is not only an unusual compound, but it is packed and applied in an unusual manner—it comes to you packed in " Cellophane " cartridges which are loaded into the Expandite Hand or Air Pressure Guns, and the seal is applied just where it is needed. A quick, clean and economical method.

Two different size nozzles are supplied with each gun, but to meet the needs of the many various applications, a range of nozzles is available.

WHY " SEELASTIK " IS SPECIFIED

Mortar, cement and putty are three traditional materials with which joints are filled in building construction, but, because they set hard they should only be used for rigid or structural joints. There are a multitude of other joints –joints which move—in building construction, and it is essential that these joints are satisfactorily sealed against water seepage. A suitable compound to seal joints of this kind must possess a number of apparently incompatible, yet very essential properties :—

It must be soft enough to retain its elasticity, yet form a surface skin dry enough to take paint.

It must adhere tenaciously to many different surfaces, yet be easily applied.

It must stand extremes of temperature, neither going brittle in cold weather, nor slumping in hot.

It must not stain the most absorbent surface, nor discolour paint. " Seelastick " possesses all these properties.

BAXENDALE & CO. LTD.

SECOMASTIC

A non-hardening, putty coloured water-proof mastic for all joints in buildings where movement through variance of temperature is likely.

Applied from a cartridge by a special gun.

Also supplied in tubes.

WET WEATHER PAINTING

NOW even wet surfaces can be rust-proofed with

GALVAFROID Regd.

(wet surface grade)

The introduction of this new grade of GALVAFROID which contains special ingredients enables site application to be carried out regardless of weather conditions. It can be applied over wet or damp surfaces and can be relied upon to give the same lasting protection as that conferred by the standard grade of GALVAFROID.

MILLER STREET · MANCHESTER

TILUMA
FOR REFIXING TILES TO FIREPLACE SURROUNDS, HEARTHS, CURBS, ETC.

Stir the contents of tin well. Brush away all dirt and old loose cement from the tile and surface of the surround or hearth. Be sure that both surfaces are dry.

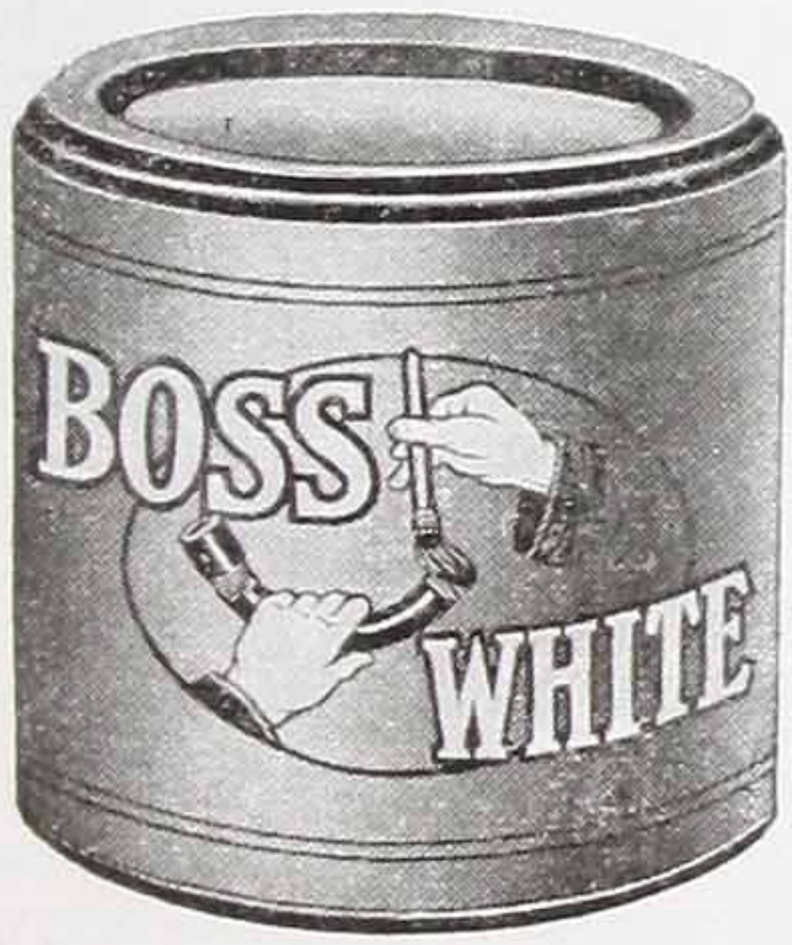
Spread Tiluma thinly and evenly on both the tile and its seating. Press firmly into position. Wipe off immediately and cleanly any excess cement at joints and any smears on the surfaces of the tiles. Broken tiles can similarly be refixed.

Always replace the lid on tin immediately, when Tiluma will remain unaffected and ready for future use. Store in a cool place.

"BOSS" WHITE
The Perfect Jointing Compound

For Acetylene, Benzol and Petrol Gas. For Superheated and Saturated Steam at All Pressures.

Contains no Lead.



For Hot and Cold Water Piping. For Screwed Copper Piping and for All Purposes.

Non-poisonous.

"BOSS" White is particularly adapted to DOMESTIC HOT and COLD WATER requirements owing to its cleanliness. As its name implies it is a white compound and hence there is no dirty marking on the house decorations, etc. by the hands of the workman. It makes a strong lasting joint while its use facilitates the unscrewing at any time when required for additions and alterations. When copper pipe is used "BOSS" White is invaluable. The joints do not require cleaning down after making as is the case with black compound; this enables the workman to complete his work in less time.

BAXENDALE & CO. LTD.

PASTE POWDER

POLYCELL

POLYCELL is a water soluble, cellulose adhesive which completely supersedes the starch pastes hitherto used in paper-hanging.

Polycell mixes easily in cold water for immediate use. It won't make a mess or clog the scissors. It's clean, odourless, kind to your hands and will not go mouldy or sour.

IT SIMPLY DOES NOT STAIN

Polycell is absolutely neutral—free of alkaline and acid, it will not discolour the most delicate paper, nor affect bronzes and golds ; neither will it stain floors, furniture or clothes.

IT WILL NOT SHOW AT THE JOINS

You can use Polycell freely at the edges of the paper. Any surplus can be lightly brushed away leaving you with a perfect, invisible join.

POLYLINA is a fibrous cellulose material, easily mixed with water to form a thick, smooth paste. It can easily be brushed on any wall or ceiling surface with a coarse brush. When dry it forms a fibrous, paper-like film—the perfect, regular, free from stains surface which will make any wallpaper look its best.

POLYLINA

POLYLINA fills up small hair cracks or lines. It bridges small ridges or irregularities and makes an insulating barrier against water stains, smoke stains, dyes from old paper and similar impurities harmful to new paper. When dry it needs no further sizing or rubbing down. It greatly reduces the risk of blistering and lifting edges even with the most difficult wallpapers. According to the thickness of application POLYLINA forms a sheet similar in structure to cellulose wall-boards and has the same kind of insulating qualities for sound and heat.

Always start by *ADDING WATER TO POWDER*—not the opposite. Before applying, wash the surface to remove dirt, grease and loose parts. With a coarse brush to prevent keeping, brush on evenly—and generously. A rough wall needs a thicker solution, normal plaster wall, medium ; painted wall, thinner solution.

MILLER STREET · MANCHESTER

PAPER-HANGERS' REQUISITES

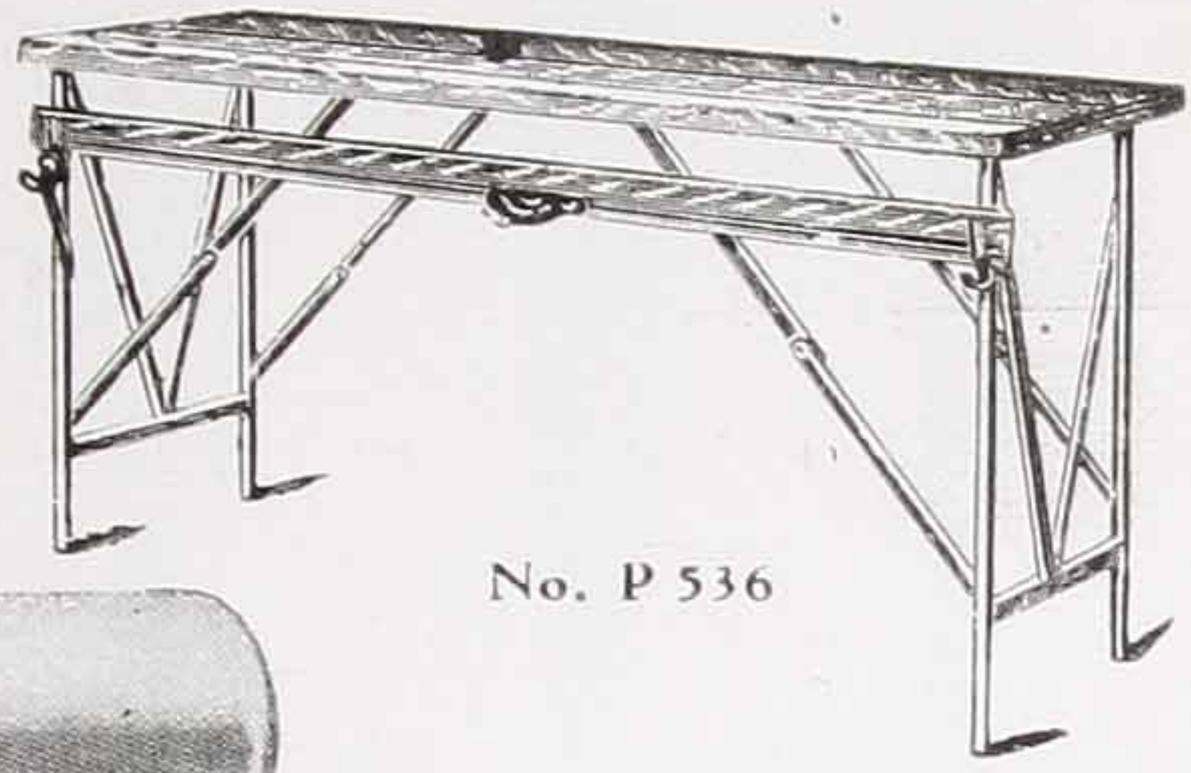
No. P 536

FOLDING PASTE TABLE

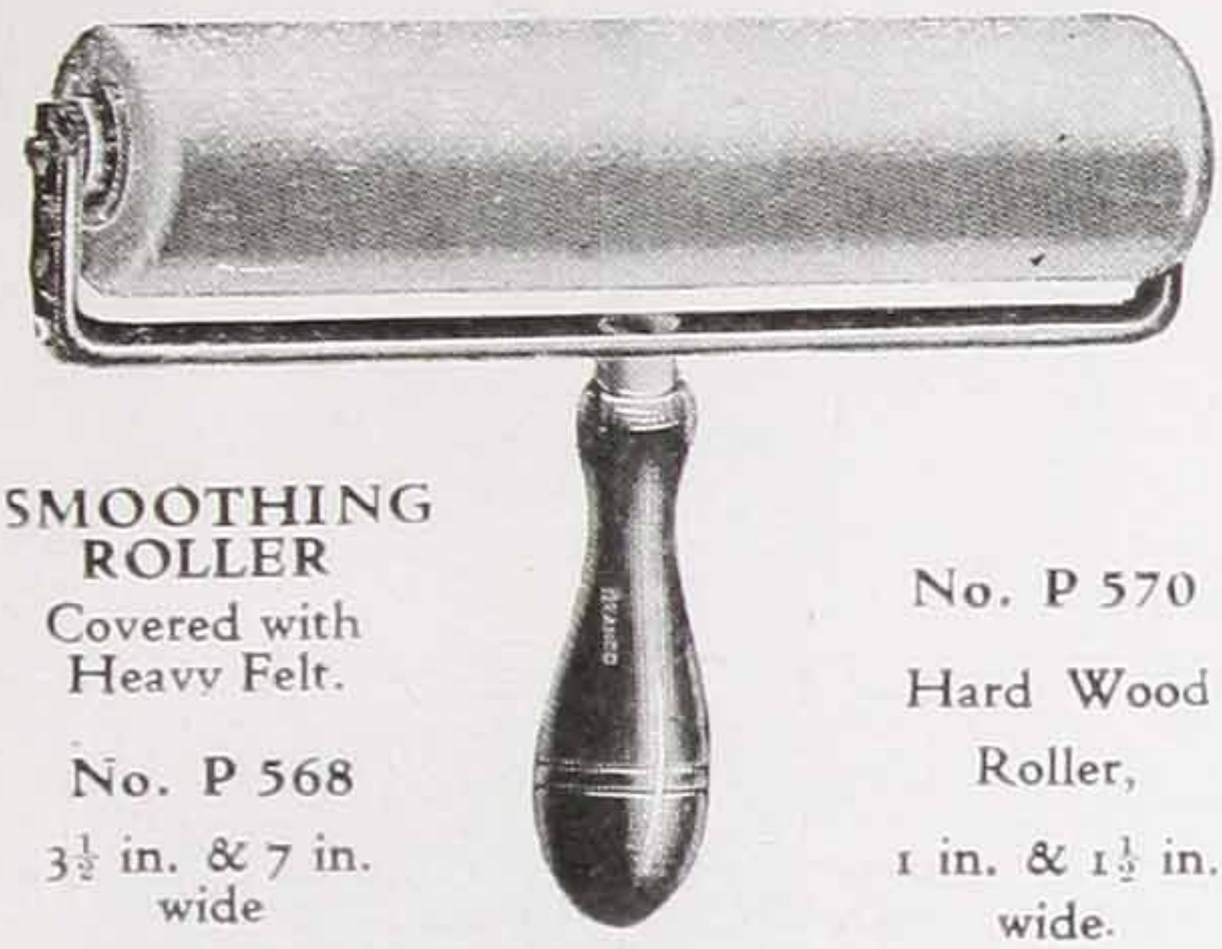
Made from selected Whitewood. Will not warp. Folds up with space inside for tools.

Width, 22 in. open, 11 in. closed.

Length, 6 ft.



No. P 536



SMOOTHING ROLLER

Covered with Heavy Felt.

No. P 568

3½ in. & 7 in. wide

No. P 570

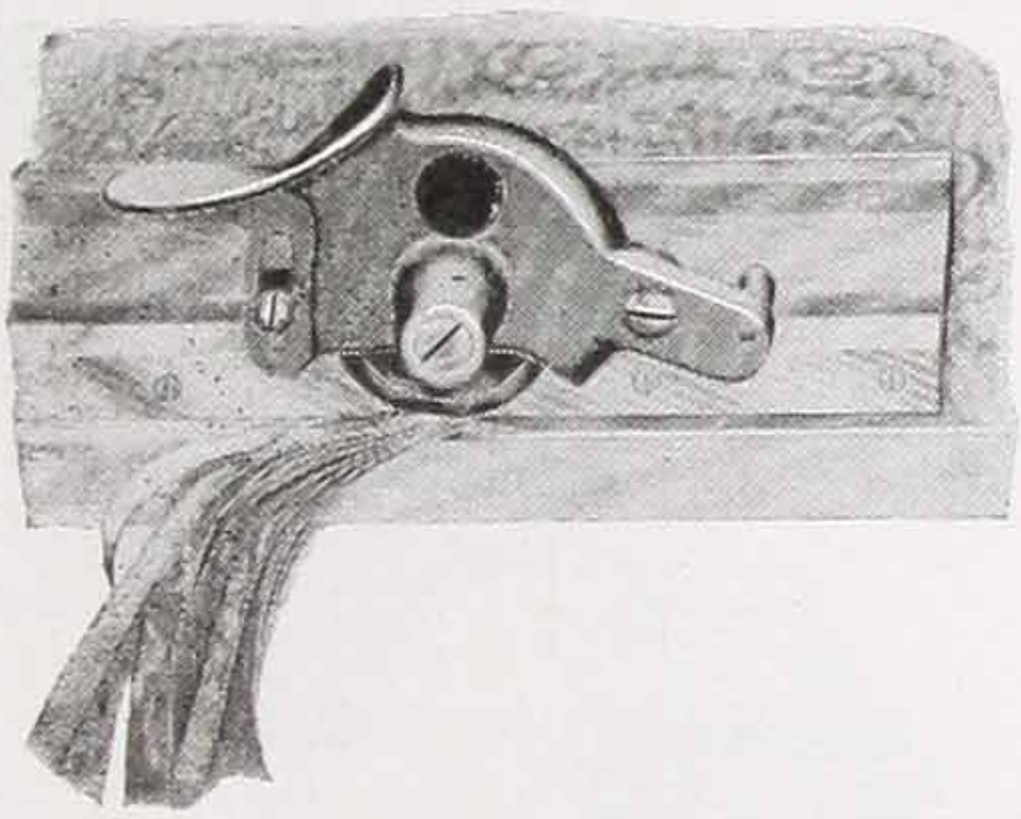
Hard Wood Roller,

1 in. & 1½ in. wide.

SEAM ROLLERS

No. P 556

2 in. wide, hard rubber.



No. WP 540

RIDGELY WALLPAPER TRIMMER

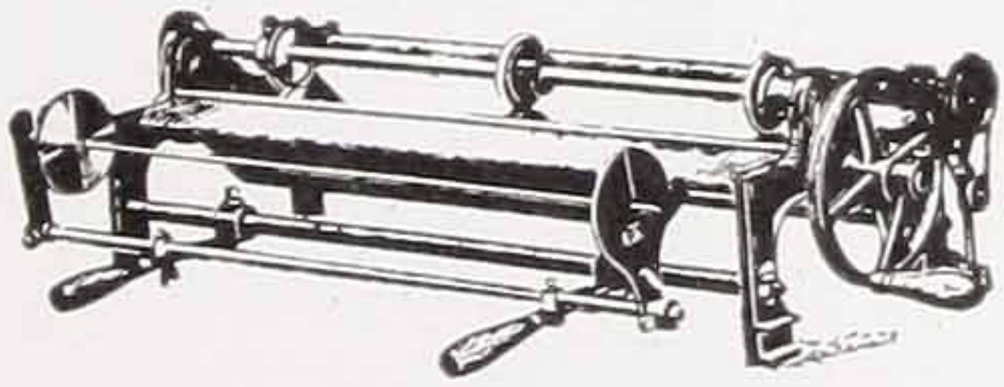
Parts are interchangeable, and worn parts can be replaced.

Length of Straight Edge: 6 ft., 7 ft.

No. IR 2837

PAPER-HANGERS' SCISSORS

10 11 12 in.



No. WP 541

THE EMPIRE TRIMMING MACHINE

For all widths of Wallpapers up to 22 in.

Pattern A. Unwinds, trims both edges, or one only, or one fine and one rough, and rewinds the roll at one operation in 40 seconds.

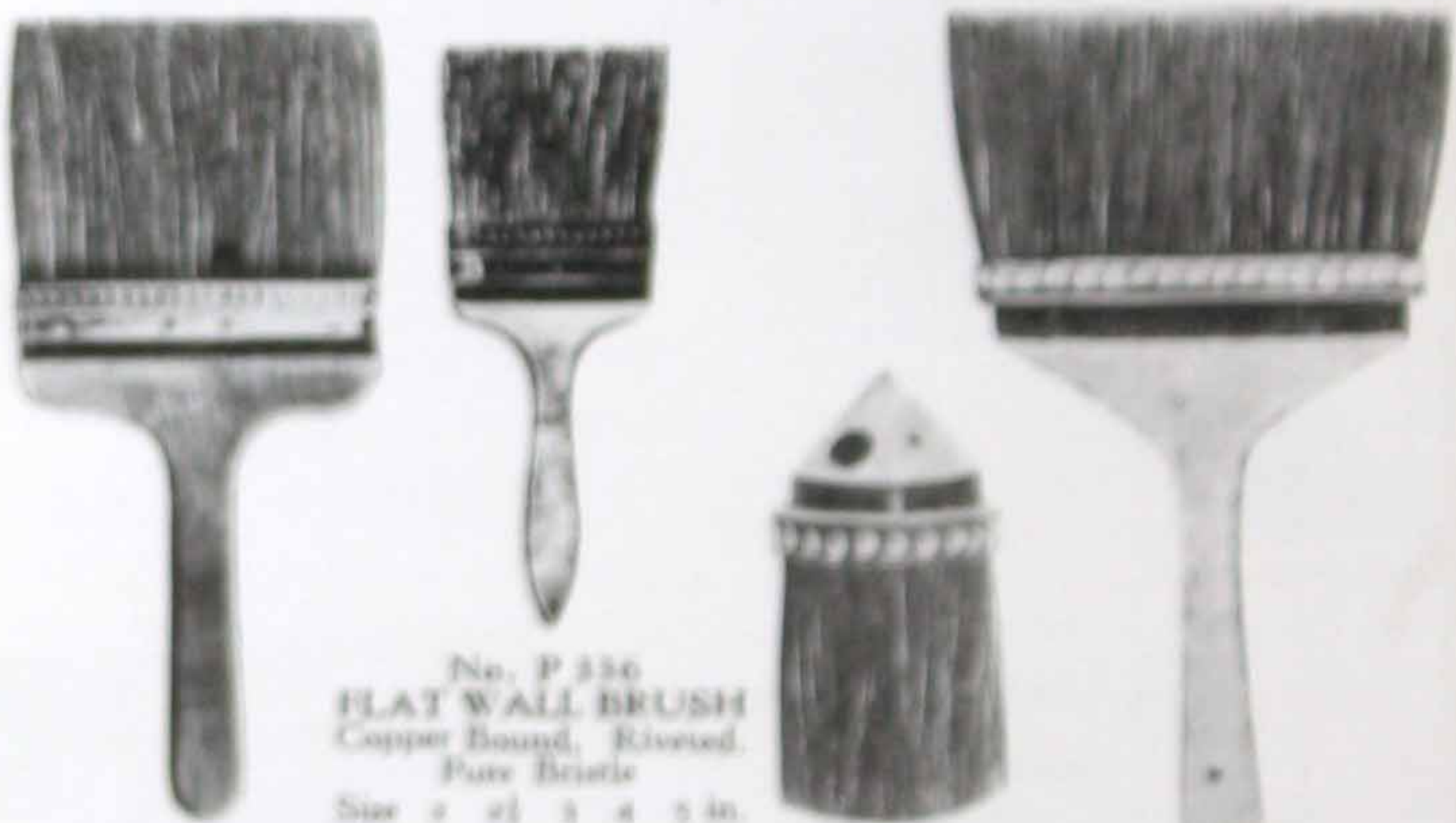
Pattern B. Carries all the improvements described for A and is made 8 in. wider. It will trim any width of paper from 18 in. (or narrower) up to 30 in.

BRUSHES

No. P 300 No. P 326 No. P 328

No. P 307 No. P 310

P 300. **SASH TOOL** Metal Bound. ... ... Size Nos. 2 4 6 8 10 12
P 307. " " Best English. String Bound Size Nos. 4 5 6 7 8 9 10 12
P 310. **GROUND BRUSH** One Knot. Copper Wire Bound ... Sizes 2/0, 4/0
P 326. **FLAT VARNISH BRUSH** Rubber Set ...
Metal Bound. Bevelled. Thick Pure Bristle. Sizes 1 1½ 2 2½ 3 3½ 4 in. wide
P 328. **FLAT VARNISH BRUSH** Rubber Set
Metal Bound, Riveted. Bevelled. Pure Bristle. Sizes 1 1½ 2 2½ 3 3½ 4 in. wide



No. P 336
FLAT WALL BRUSH
Copper Bound, Riveted.
Pure Bristle
Size 2 2½ 3 4 5 in.

No. P 340
FLAT KALSOMINE BRUSH
Copper Bound, Riveted.
Pure Bristle
Size 7½ in. 5 ozs.

No. P 354
ROUND NAILED TURK'S HEAD
Leather Bound. For Whitewash. Measure 2" out of binding, 3" across stock.

No. P 342 **FLAT WALL BRUSH**
Thin Elm Handle.
Leather Bound.
Lancashire Pattern.
Size 8 ozs.

BRUSHES

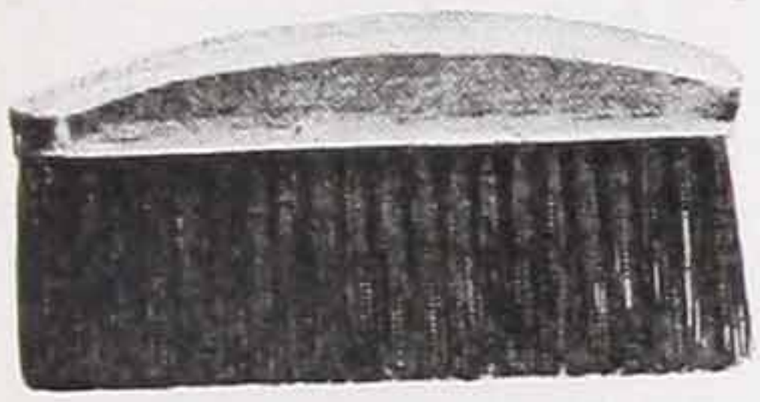
No. P 411. FITCH
In Tin, Polished Handle. Hog Hair.
Flat or Round.

No. P 413. LINING FITCH
Wood Handle. Hog Hair.

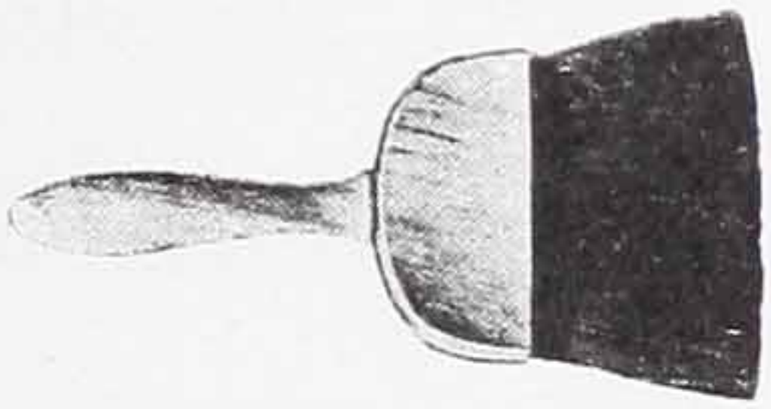
P 411	Sizes	4	6	8	10	
P 413	Sizes	¼	½	¾	in. wide	

No. P 377
STENCILLING BRUSH
Metal Bound. Stiff Black Bristles.
Sizes 8 10 12 14 16

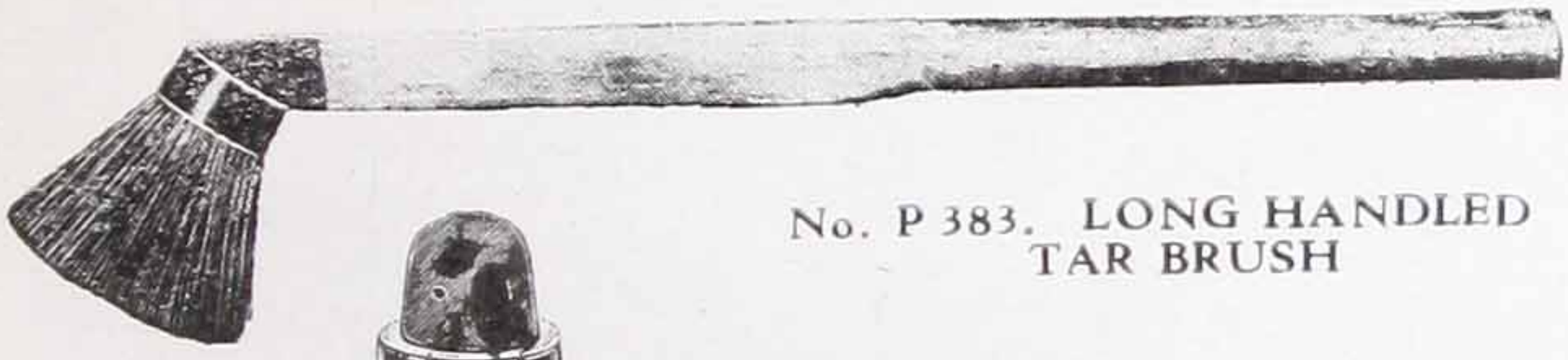
No. P 381
GLUE BRUSH
Metal Bound with Wire Bridle.
Sizes 8 10 12 14 16 18



No. P 374
PAPER-HANGING BRUSH
Pure Bristle. Size 9 in.



No. P 379. JAMB DUSTER
with Whitewood Handle
Size 4 in.



No. P 383. LONG HANDLED
TAR BRUSH

No. P 385
TURK'S HEAD TAR BRUSH

No. P 387. SHORT HANDLED
TAR BRUSH

No. P 407
GILDER'S MOP
Wood Handle. Camel Hair
Sizes Nos. 4 to 10.

BAXENDALE & CO. LTD.

SPONTEX SPONGES

"Spontex" sponges don't clog—they absorb and discharge liquids freely and copiously.

"Spontex" sponges are not affected by mild acids and alkalis—providing they are rinsed and squeezed out after use.

SPONTEX

This name is your guarantee that you have top quality, and the best and most economical DECORATORS' SPONGE.

VARNISH or PAINT BRUSH
Pure Bristle.
Shaped Handle. ½ in. to 4 in.

"LOTI" BEST QUALITY GLOSS PAINT BRUSH

Thicker than above.
Pure Bristle.
1 in. to 4 in.

CREVICE or RADIATOR BRUSH

1½ in. wide

(pure bristle)

Illustrating the many types and makes of good quality Paint Brushes available from our stock.

MILLER STREET · MANCHESTER

PAINTERS' AND GLAZIERS' TOOLS

No. P 492

PUTTY KNIFE BRASS BOLSTER

1, 1½, 2 inch wide blade

No. P 496

PAINT SCRAPER

Riveted Handle.

Blade 2½, 3, 4 in. wide

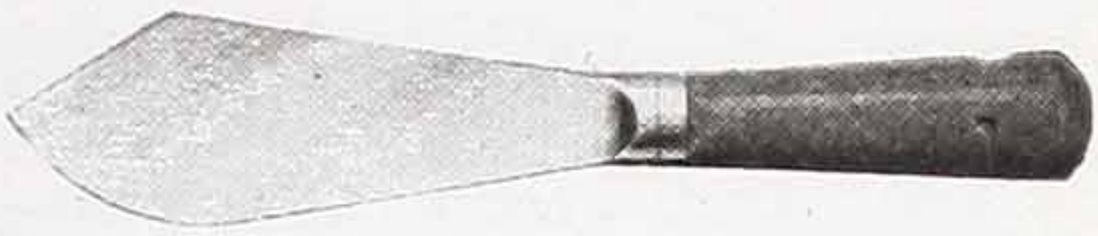
No. P 500

PUTTY KNIFE

Clipt Point. Flexible

Ebony Handle.

Blade ... ... 1½in. wide



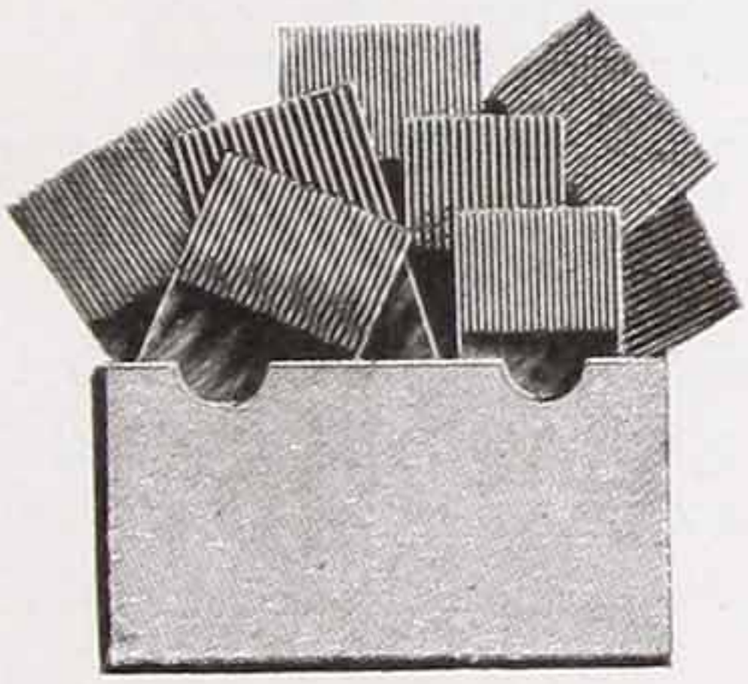
No. M 202

HACKING KNIFE

Strong. 4½ in. Blade.

Best Quality. Three Rivets.

GRAINING COMBS

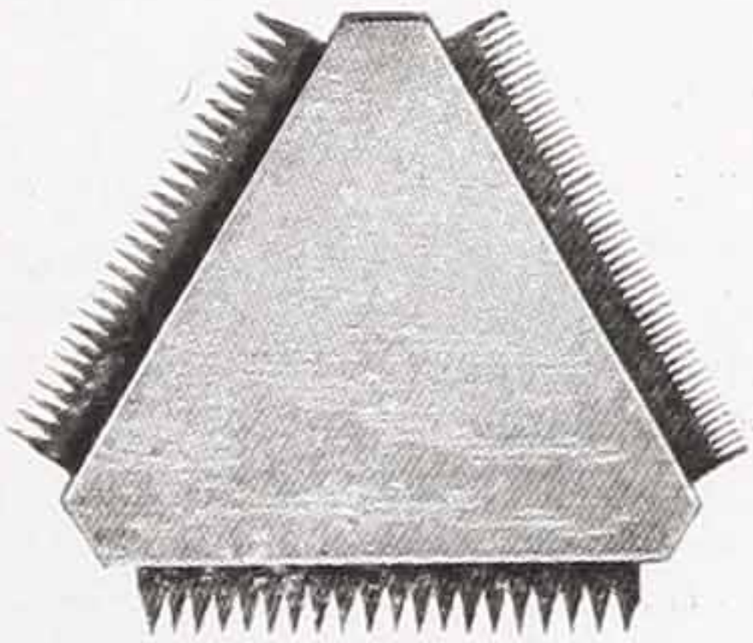


No. P 450

STEEL GRAINING COMBS

30 assorted in Tin Case.

Coarse, Medium, Fine or Graduated.



No. P 441

FLEXIBLE GRAINING COMB

(India-rubber.) Triangular Shape

Fine, Medium and Coarse Teeth

All one Tool.

GLAZIERS' DIAMONDS, ETC.

No. GL 221

ORDINARY SHEET GLASS DIAMOND

Qualities ... A1 A2 A3 A4
Qualities ... B1 B2 B3 B4

Tools are shown on pages 366–386

No. GL 222

GLAZIERS' DIAMOND WITH RACK

A compact Glazier's Diamond with the advantage of a Rack combined.

Qualities ... A1 A2 B1 B2

No. GL 223

POLISHED PLATE GLASS DIAMOND

Qualities ... A5 A6 B5 B6

No. GL 224
SURE CUT

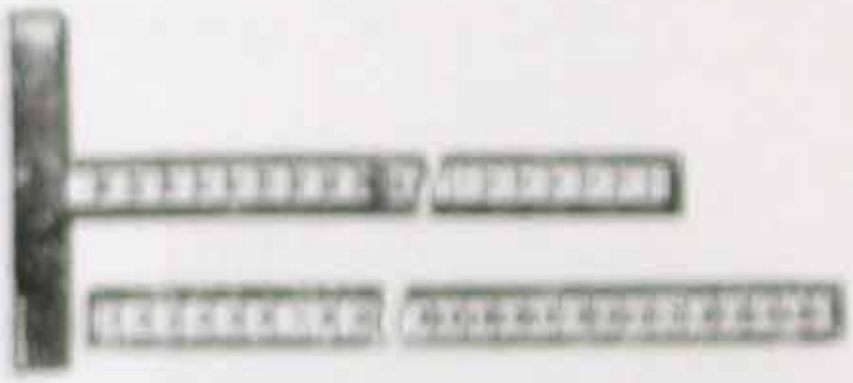
The wheel keeps the Diamond always on the cut.

Made in all Grades of Ordinary Diamonds

No. M 1415
GLASS CUTTER
Best Quality
6 Wheels,
also single wheel

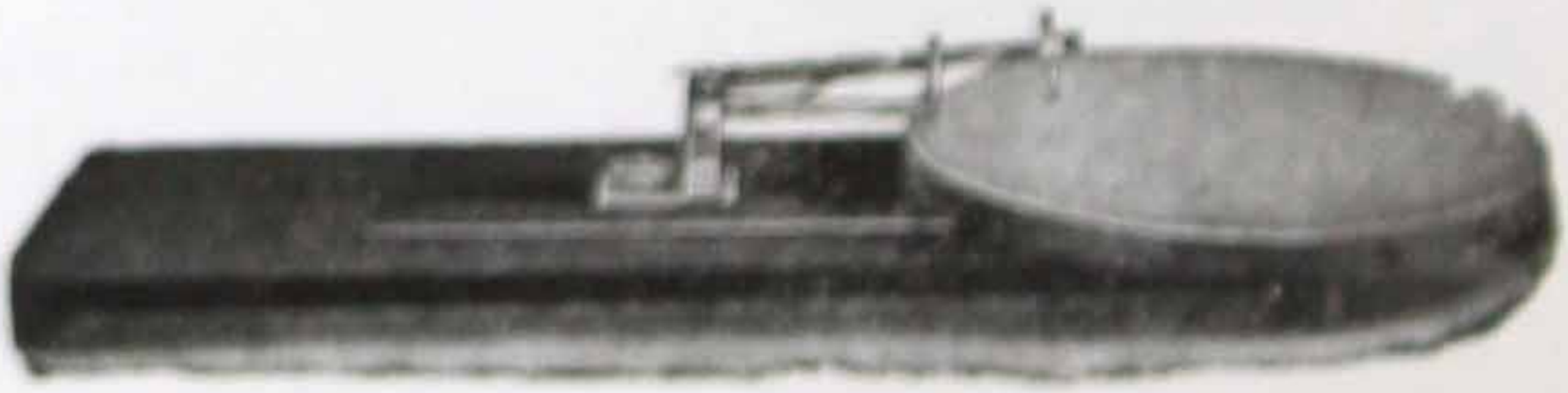
No. M 1415A
(U.S.A. Manfr.)
One Wheel.

No. M 1226
PLATE GLASS PLIERS
Size ... 7 in.



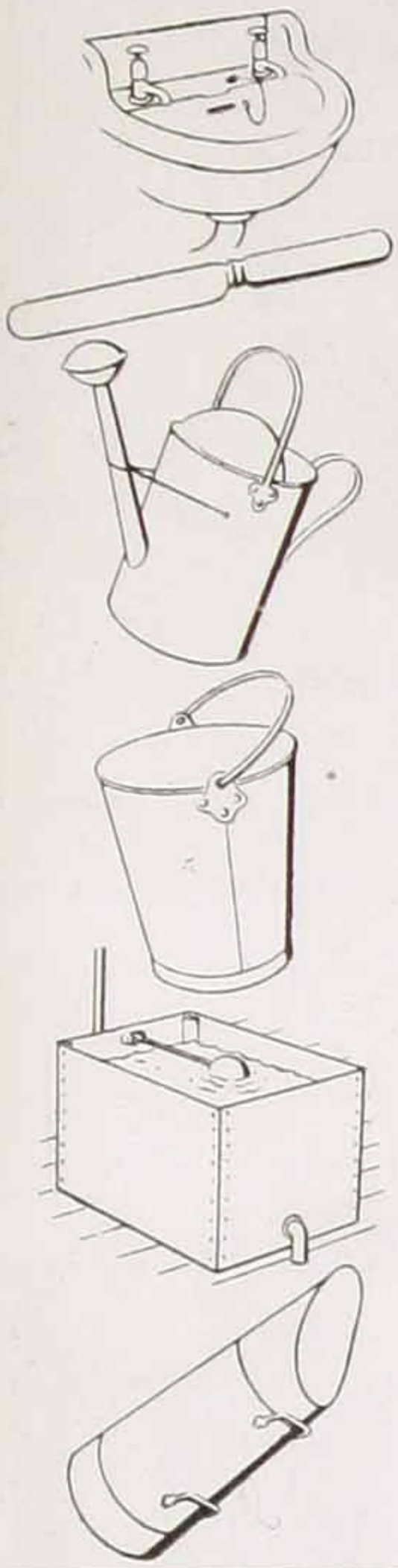
No. GL 217
GLAZIERS' CUTTING LATHS, AND T SQUARES
Best Quality. Brass Tipped.
Divided into Inches and Eighths.

No. GL 216
GLASS CIRCLE CUTTER



BAXENDALE & CO. LTD.

LOY FOR 1001 REPAIR JOBS



Mends holes, dents and leaks in metals

Adheres permanently—will not shrink, chip or peel.

Completely hygienic—will not affect food.

Withstands boiling water—is petrol and oil proof.

Can be filed, drilled or sawn.

Equally effective on wood, glass, canvas, plastic, etc.

Will outlast the part repaired.

Apply Loy Metal like putty—fills dents, holes, etc. Sets metal hard. Can be filed or sanded. Takes paint or cellulose.

LOY SHEETING.

For bridging gaps. Re-inforces weak rusted metals before applying Loy Metal. Self-adhesive.

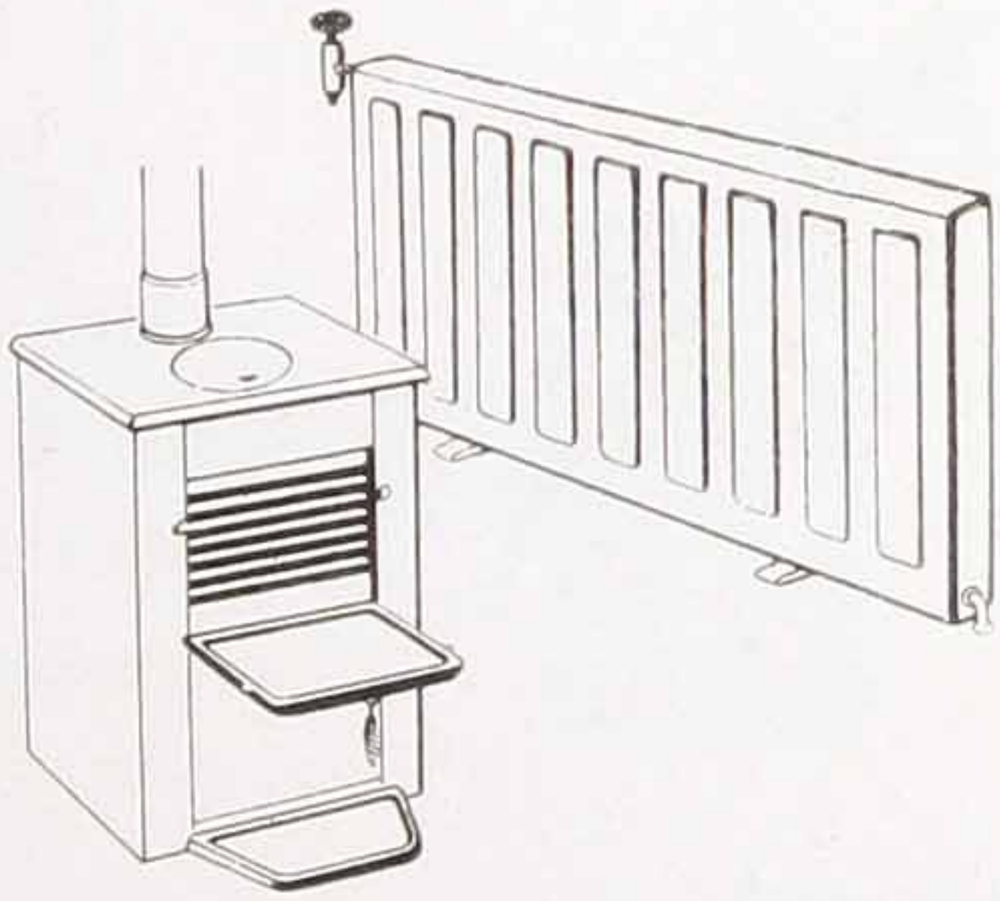
LOY SOLVENT

Thins Loy Metal and also softens Loy Sheeting before applying. Cleans surface to be repaired.

Holt's Domestic HOLTWELD

A permanent repair for leaks and cracks in radiators, tanks, boilers, pipes, etc.

A 60 minute repair—just pour it in. Does not clog water—only cracks are affected. Withstands high temperatures and water pressures. No dismantling.



LANCASTER · LEEDS · BLACKPOOL

BAXENDALE & CO. LTD.

THE SMALLEST GENUINE "MAX SIEVERT" SWEDISH BLOW-LAMPS FOR USE WITH PETROL

¼ pint

No. P 881

½ pint

No. P 882

For the tradesman—plumber, electrician, painter, builder, etc., there is nothing to compare with the standard ¾ pint capacity (petrol) lamp or the 1 pint size fitted with powerful pump in handle.

No. P 875

Other Types of blow-lamps, of British manufacture, also available from stock

No. P 876

No. P 155

For those who prefer a petrol lamp with an inclined burner, the original one shown fulfils this need. Holding ¾ pint petrol it is a convenient size and weight for most jobs.

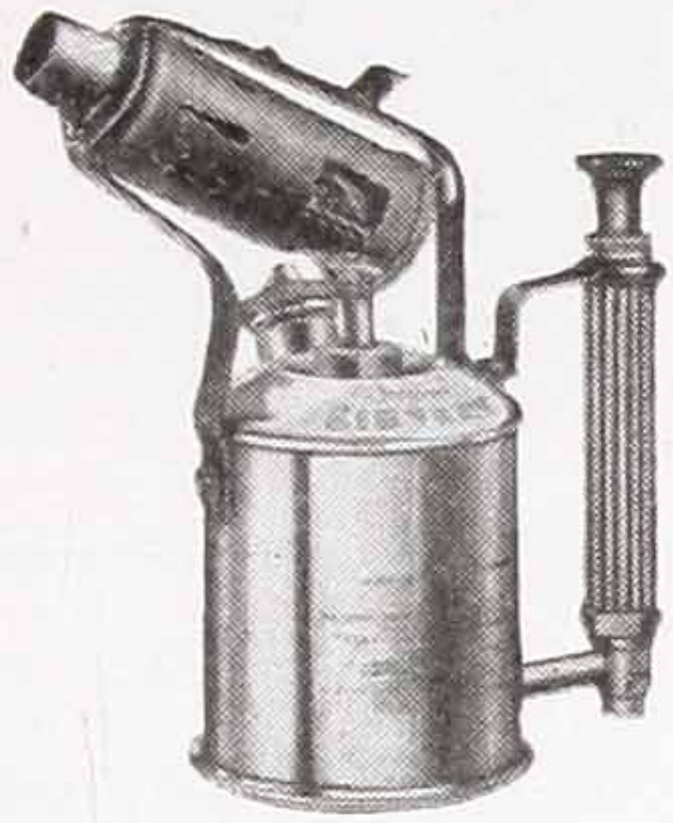
Complete list sent on application

MILLER STREET · MANCHESTER

THE GENUINE ORIGINAL "MAX SIEVERT" SWEDISH BLOW LAMPS (PARAFFIN)

Possesses a number of improvements not to be found in any other Petroleum Blow Lamp. The Burner is of a **non-carbonising type** and **has double the life,** and the Brass Air Pump, of an improved design forms part of the handle, and works perpendicularly.

Nos.	P 885	P 886
Capacity	1	¾ pint

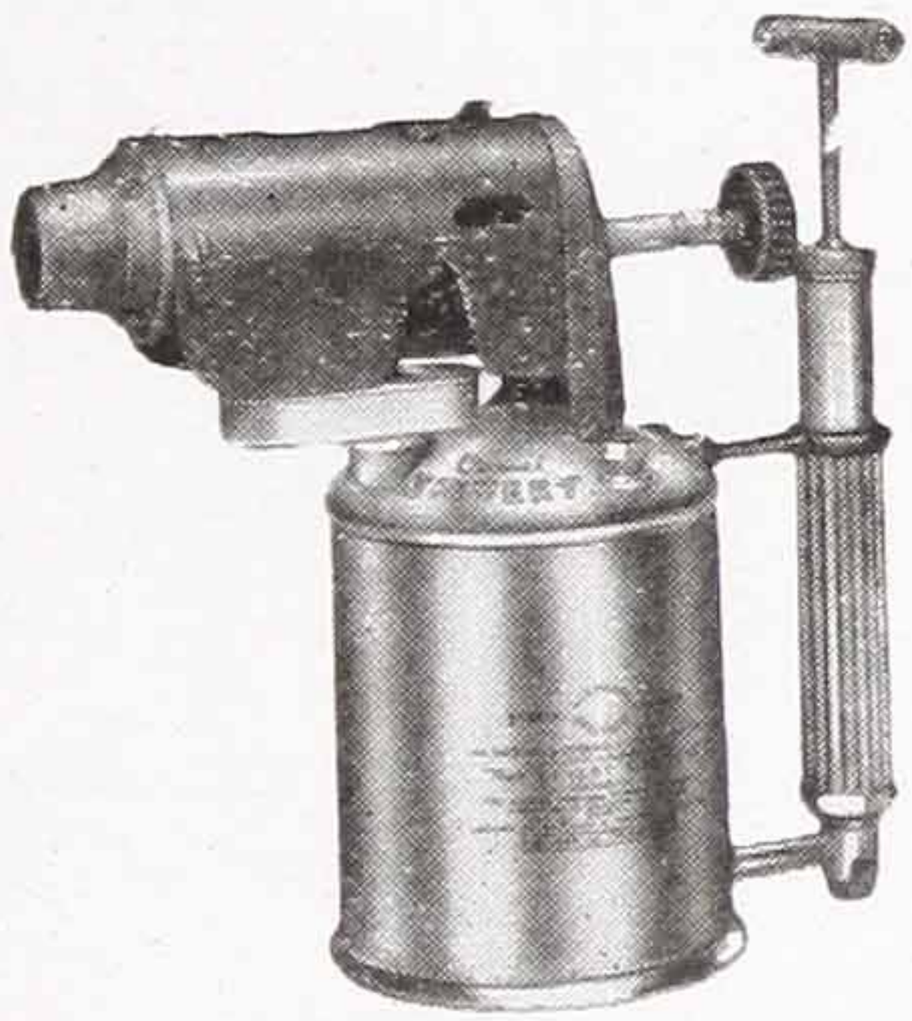


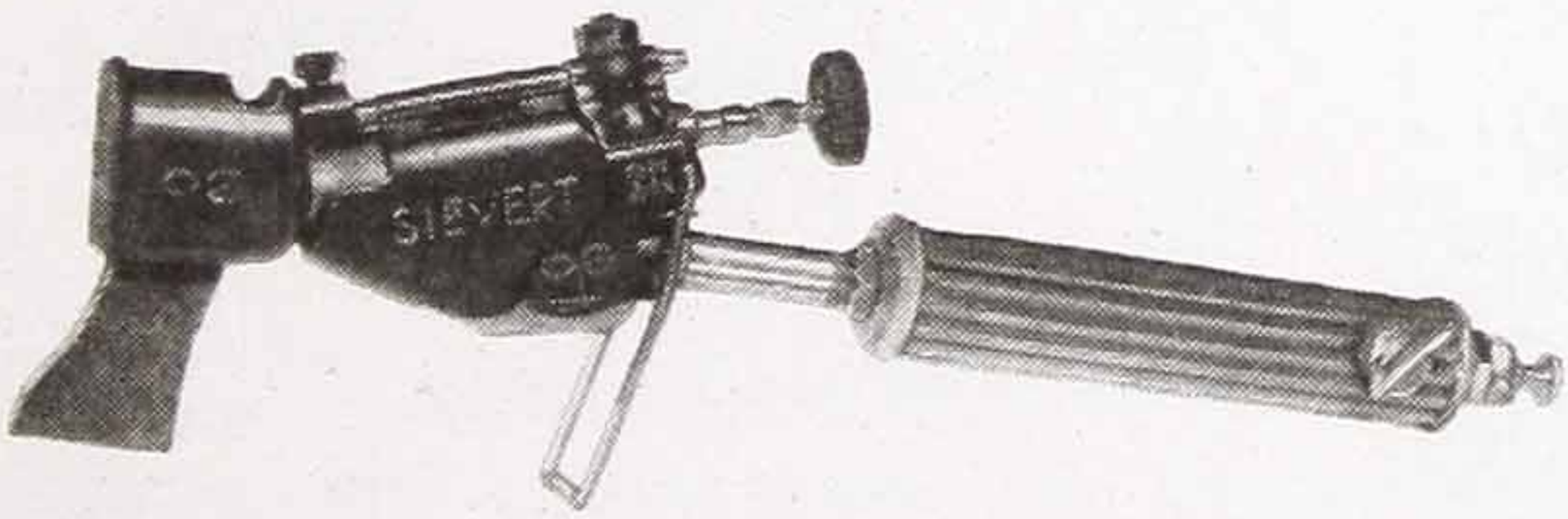
No. P 885

For works use in brazing. Stands really hard wear. Powerful flame of 9 in. to 12 in. according to size of lamp.

Capacity from 1½ pints to 7 pints of paraffin.

No. P 891





No. P 905

SOLDERING BUTTS (FOR PETROL)

Still used largely for roof work or where it is impossible or undesirable to use an Electric butt.

FURNACE PANS

RUSTLESS FURNACE PANS

No. R 100

8	10	12	14	16	18 Gallons
20	25	30	35	40	45 ,,

Larger Sizes also supplied.

BUILDERS' AND CONTRACTORS' PLANT

of every description quoted for on application.

STREET FIRE GRATES AND BASKETS

STREET FIRE GRATE

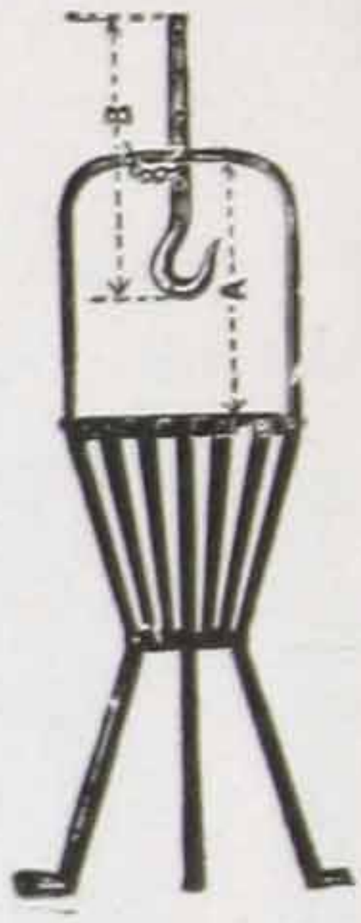
No. H 1000

STREET FIRE GRATE

No. H 1001

(With Bridge and Pin Hook)

12, 13, 15, 18 and 21 in. dia.

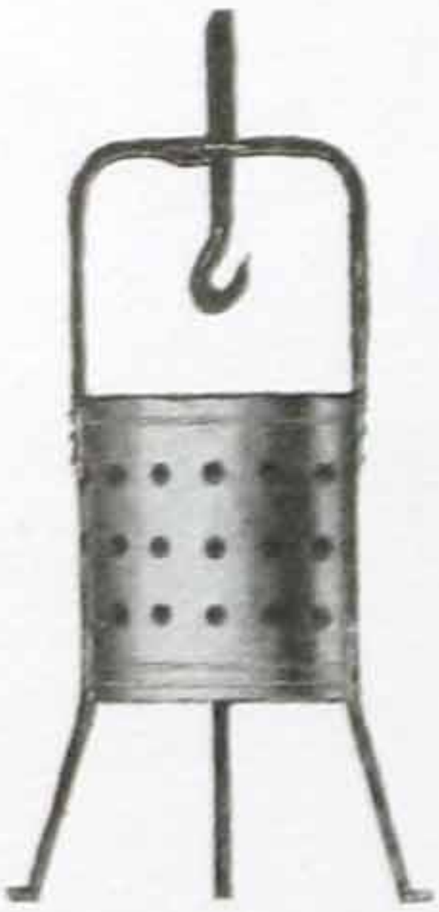


FIRE BASKET

No. H 1003

(With Bridge and Pin Hook)

$\frac{1}{8}$ in. Plate.



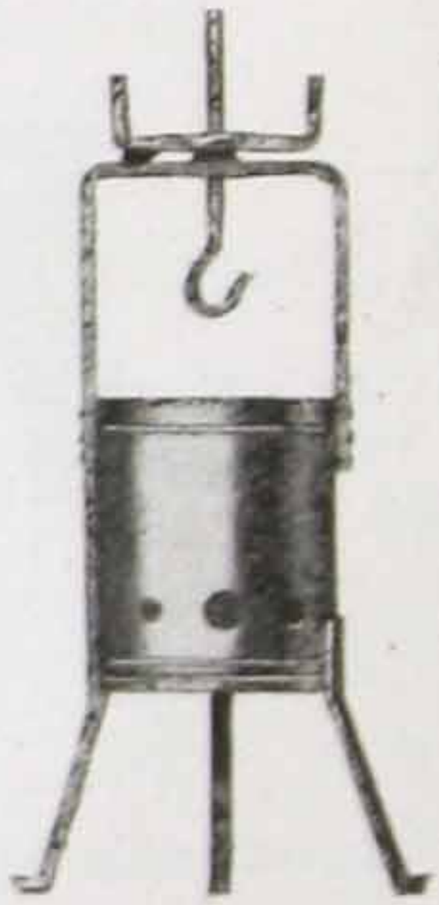
STREET FIRE BASKET

No. H 1004

(With Bridge and Screw Hook)

$\frac{1}{8}$ in. Plate.

12, 14, 16, 18 and 20 in. dia.



BAXENDALE & CO. LTD.

DRAIN RODS, FITTINGS, ETC.

In Sets 30, 39, 51, 60, 69, 81, 90, 99, 111, 120 feet

DRAIN CLEANING APPARATUS

No. B 1950

Rattan canes, 3-ft. long fitted with brass screws, double worm screw, brass clearing wheel, 4-in. rubber plunger, drop scraper and straps.

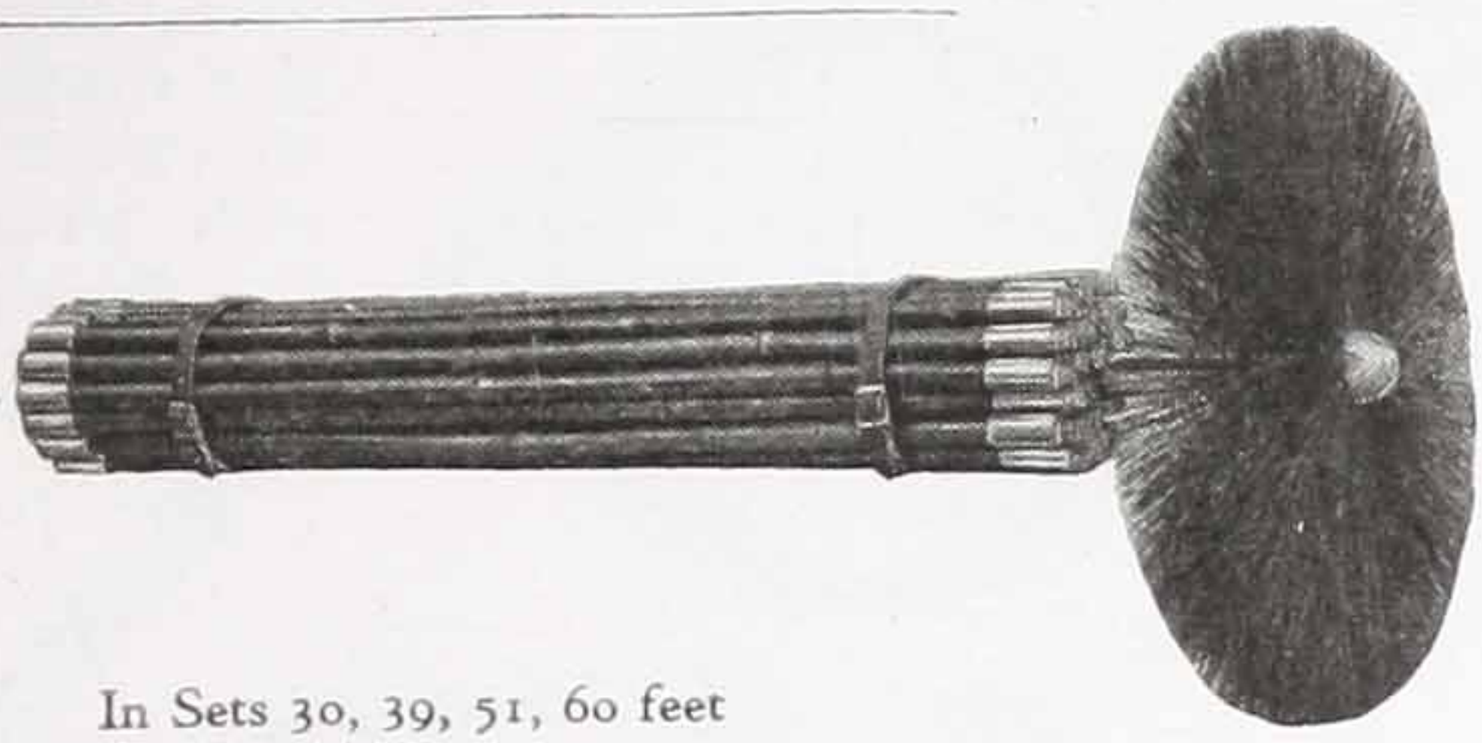
No. B 1943 DRAIN CLEANING APPARATUS

As above but canes and fittings supplied with Ideal lockfast joints.
In Sets 30, 39, 51, 60, 69, 81, 90, 99, 111, 120 feet

CHIMNEY SWEEPING APPARATUS

No. B 1944

Rattan canes 3-ft. long, fitted with brass screws and 18-in. dia. 4-row bass head and straps.



In Sets 30, 39, 51, 60 feet

Drain Rods can also be supplied separately.

No. B 1953

No. B 1954

No. B 1955

No. B 1956

No. B1952

No. B 1957

No. B 1958

No. B 1960

FITTINGS FOR DRAIN CLEANING APPARATUS

B 1952. Double worm screw.
B 1953. Rubber plunger, 4 in.
" " 6 in.
B 1954. Brass clearing wheel.
B 1955. Drop scraper, 4 in.
B 1956. Spring hook.
B 1957. Revolving roller.

B 1958. Bass drain brush.
4 in. diam.
6 in. "
7 to 9 in. diam.
Sweeps' brush (as illustration) B 1944
18 in. diam., 4 row.
B 1960. Gun metal wheel.

LANCASTER · LEEDS · BLACKPOOL

DRAIN CLEANING APPARATUS

No. B 6293

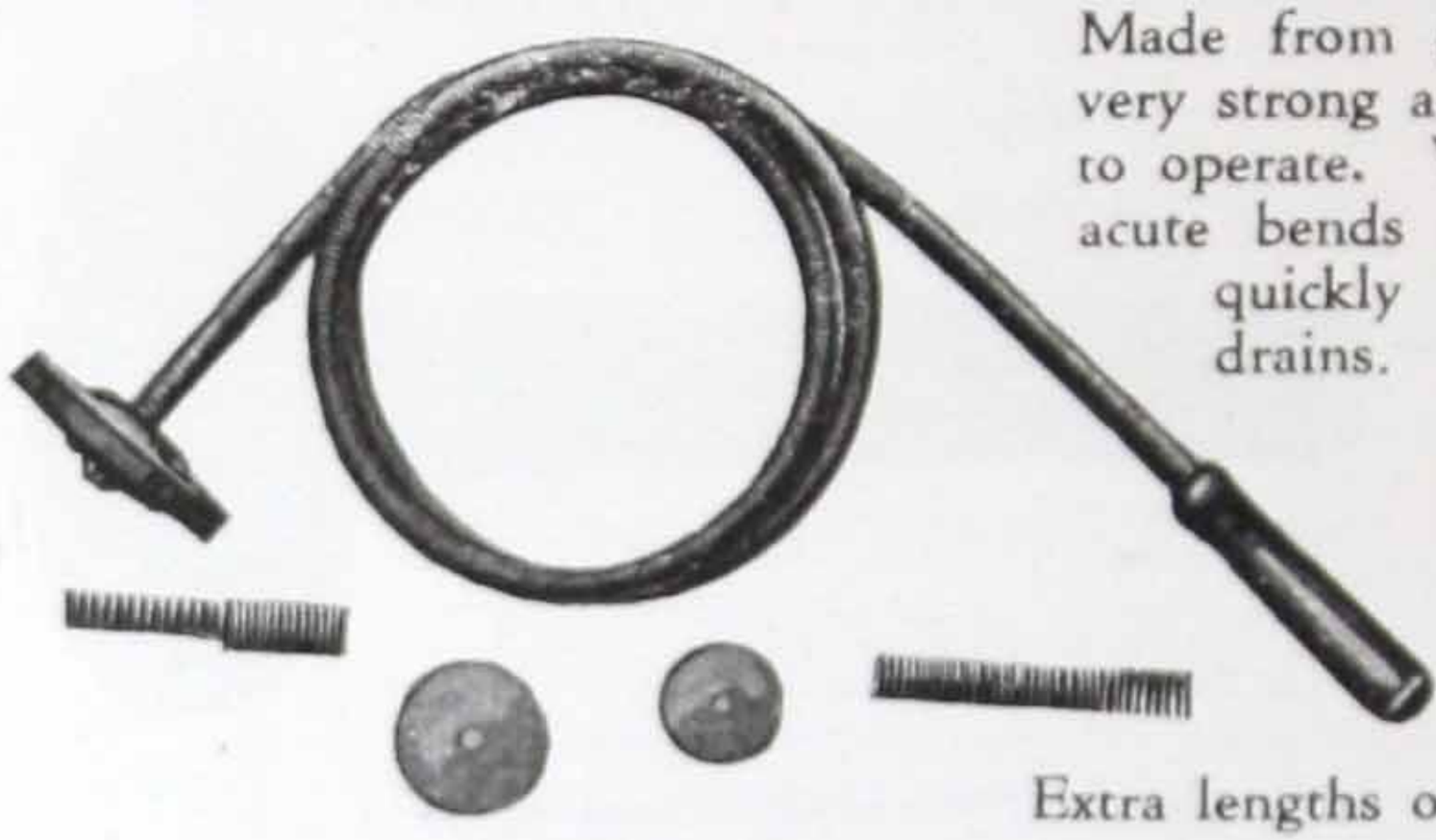
WASTE WATER PIPE CLEANSER

For Bathroom and Kitchen, etc., $\frac{1}{4}$ in. diameter.

6 9 12 feet

No. B 6291

DRAIN CLEANING WIRE OUTFITS

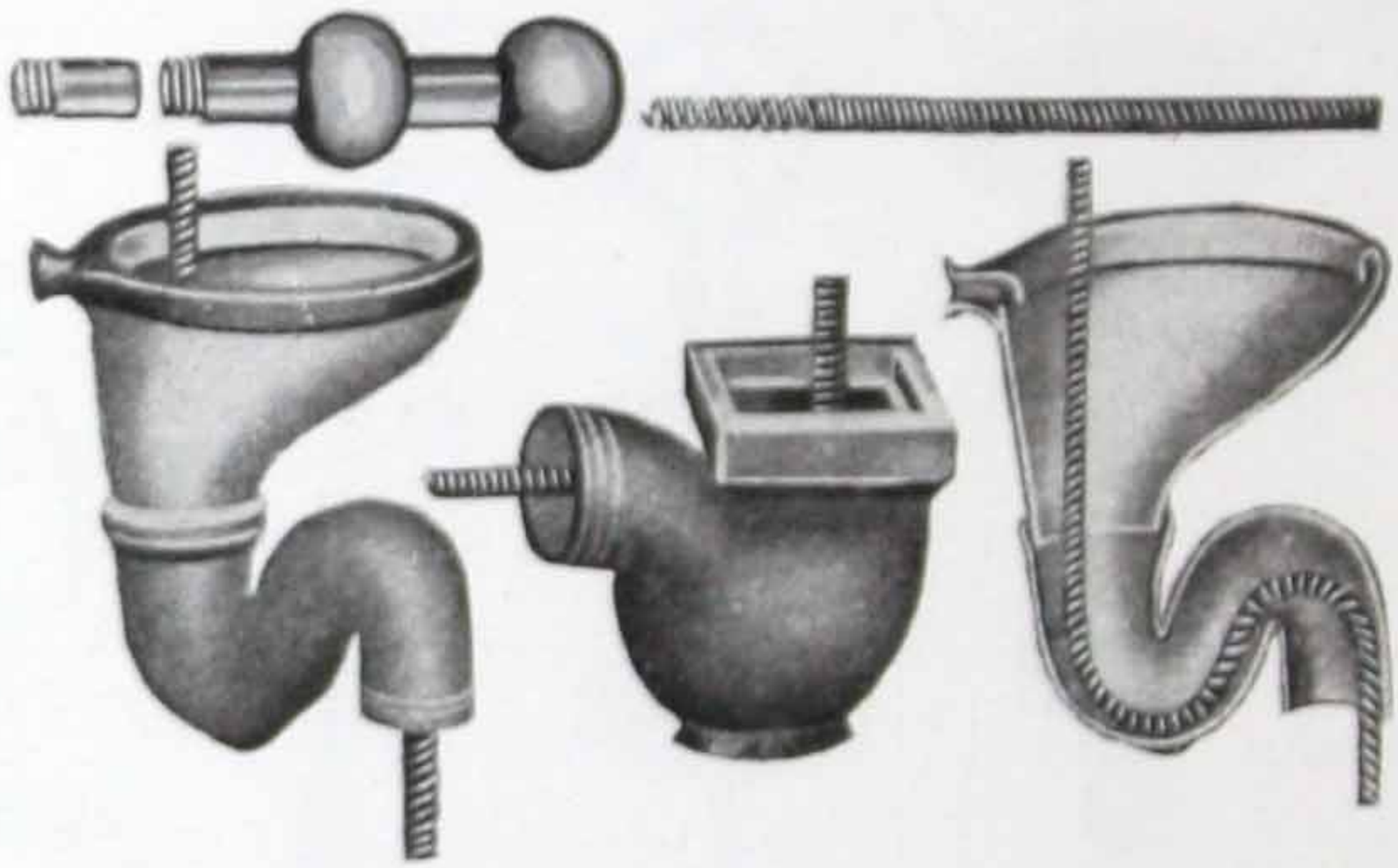


Made from good Spring Steel very strong and durable yet easy to operate. Will go round very acute bends in pipes, etc., and quickly opens up choked drains.

With 6 ft. × $\frac{9}{16}$ in. Spring and 3 in. Brush.

4 in. Brushes extra.

Extra lengths of Spring extra.



No. B 6292. THE FERRET DRAIN CLEANER

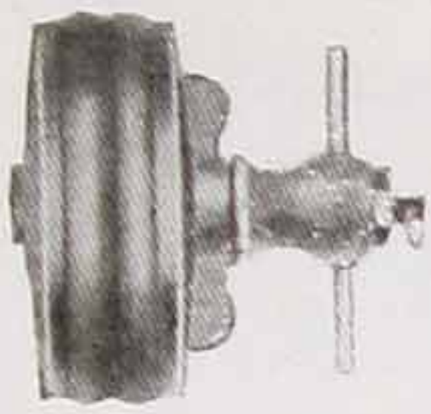
Rods are made of steel wire with Lock-fast flexible Joints which cannot break, or become loose in the drain.

A Siphon can be cleared through the air inlet, by attaching the Ferret to ordinary cane rods, or by a special joint provided for the purpose.

The handle is attachable to the Ferret by means of a screw to enable the user to twist the rods, at the same time applying pressure.

Sets 6 ft. long in two lengths, with handle and joints.

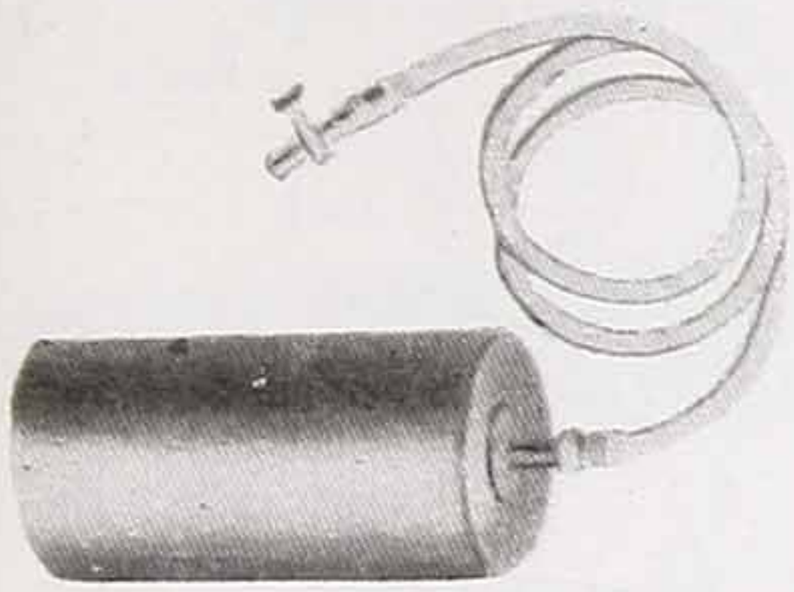
DRAIN STOPPERS, PLUNGERS, ETC.



This stopper consists of two plates of metal between which a special rubber ring is fixed by means of grooves in the plates. It is screwed up by handle or key which causes the rubber to extend sufficiently to plug any pipe according to the size of the stopper used.

Standard sizes : 4 in., 6 in., 9 in., 12 in. dia.

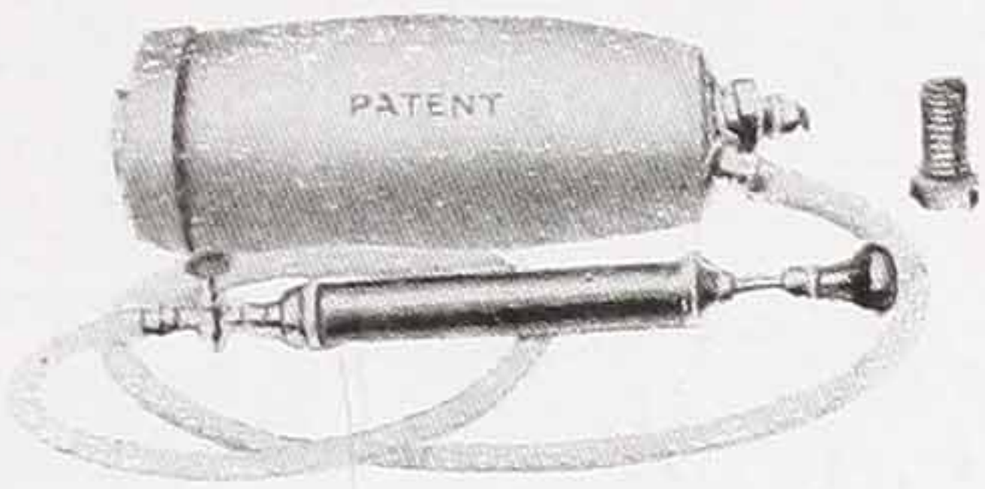
No. B 1961
EXPANDING DRAIN STOPPER WITH ½-in. CENTRE OUTLET



No. B 1965
CYLINDRICAL AIR BAG STOPPER

Standard Size with 4 ft. 6 in. length of rubber tube and heavy brass cock screwed ¾ in. gas.

Sizes 4 in., 5 in., 6 in., 9 in., 12 in. dia.



No. B 1963
FLEXIBLE BAG PIPE STOPPER

With 1 in. bore wired rubber tube through centre and union for connecting to drain testing machine.

Complete with 4 ft. 6 in. air tube and cock.

Standard sizes 4 in. and 6 in. dia. only.

The illustration also shows a pump for inflating bag stoppers of very heavy construction, easy to operate.

No. B 1971
COOPER'S PLUNGER

Size, 5½ in. diam.

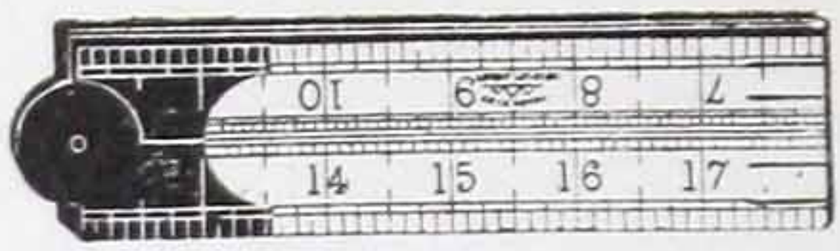
With 24 in. fixed wooden handle ; for 4 in. drains, sinks, lavatories, or baths.

No. B 1967
INDIA-RUBBER FORCE CUPS

Small 3-in. cup, 5¾-in. long overall
Medium 4¼-in. cup, 12½-in. long overall
Large 5⅝-in. cup, 20-in. long overall

No. B 1972
THE TYPHOON FORCE PUMP

TOOLS

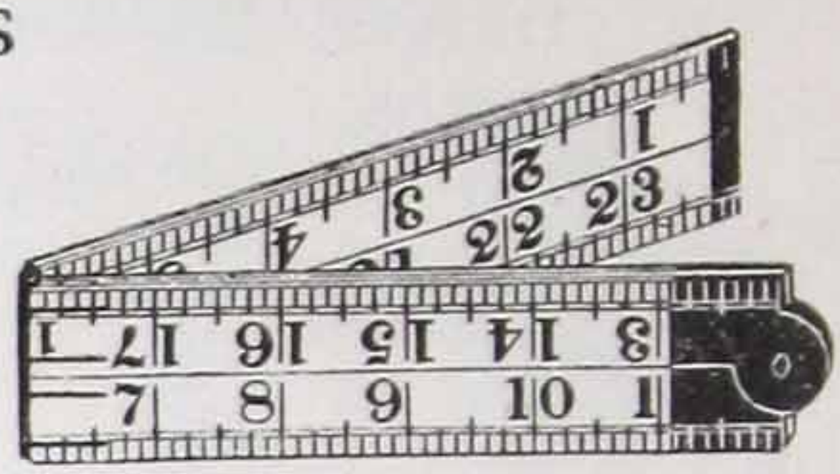


No. M 1435
2-Ft. FOUR-FOLD BOXWOOD RULE, ARCH JOINT

$1\frac{1}{2}$ in. wide, marked in inches, 8ths, 16ths, 10ths, and 12ths.

No. M 1436 3 ft., as above

No. M 1433
Similar but 1 in. wide. 2 ft., 3 ft.



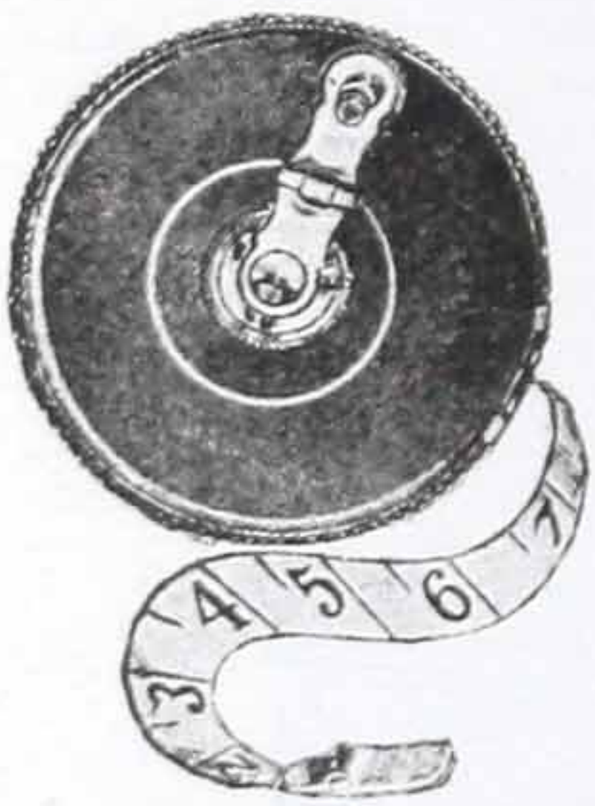
No. M 1441
2-Ft. FOUR-FOLD BOXWOOD BLIND MAN'S RULE

$1\frac{3}{8}$ in. wide, deeply marked in. 8ths and 16ths.

No. M 1442 3 ft., as above

2-FOOT STEEL RULE

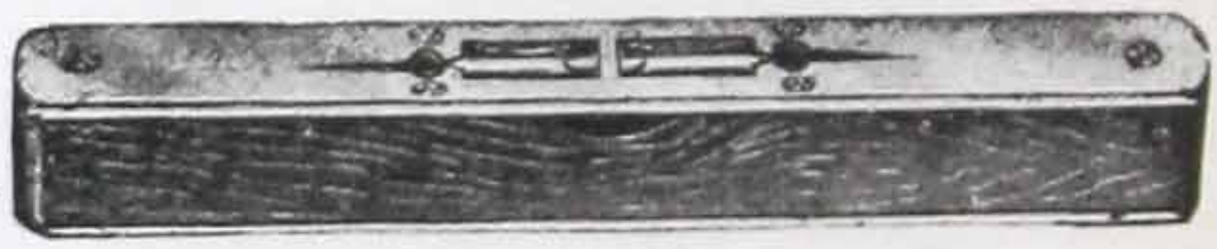
No. M 1443
Also supplied with Brass Tips



METALLIC WIRED TAPE
Marked in Feet (in half-inches) and Links.

No. M 1450
Ordinary Quality, $\frac{5}{8}$ in. wide. Folding handle
Lengths ... 33 50 66 100 feet

No. M 1453
Best Quality, $\frac{5}{8}$ in. wide. Flush handle.
Lengths ... 33 50 66 100 feet



No, M1456
SPIRIT LEVEL
Selected Hardwood.

Sizes 6 8 10 12 in.

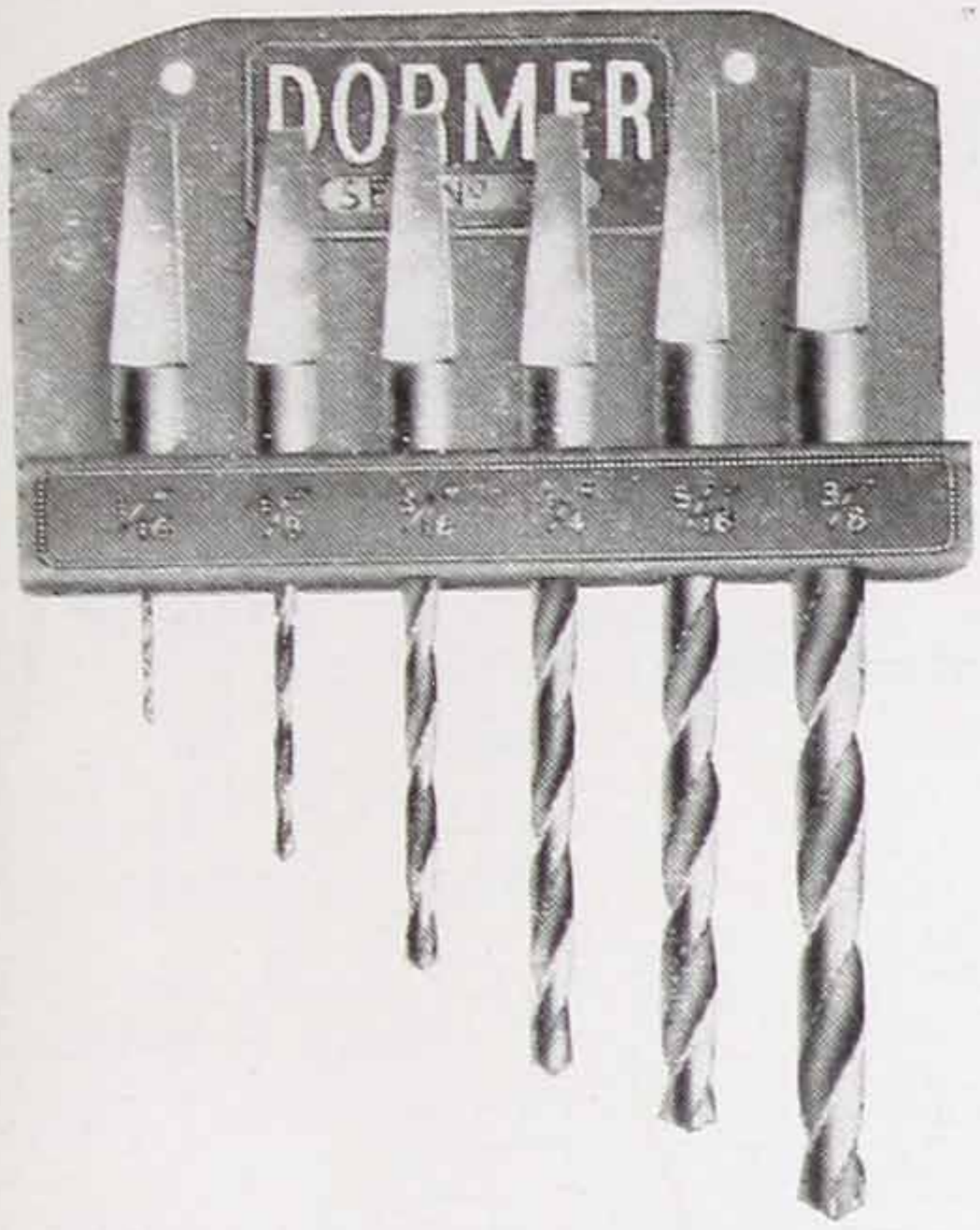
No. M 1460
NARROW ROSEWOOD PLUMB AND LEVEL
With Tapered Ends.
Brass Plated and Tipped.
Sizes 6 9 12 in.

No. M 1792
BUILDERS' LEVEL
Non-adjustable.

No. M 1793
BUILDERS' LEVEL
Adjustable.

Both obtainable in sizes 36, 42, 48 in.

TOOLS



DORMER DRILLS
IN SETS
COMPLETE WITH
DURAL WALL BRACKET

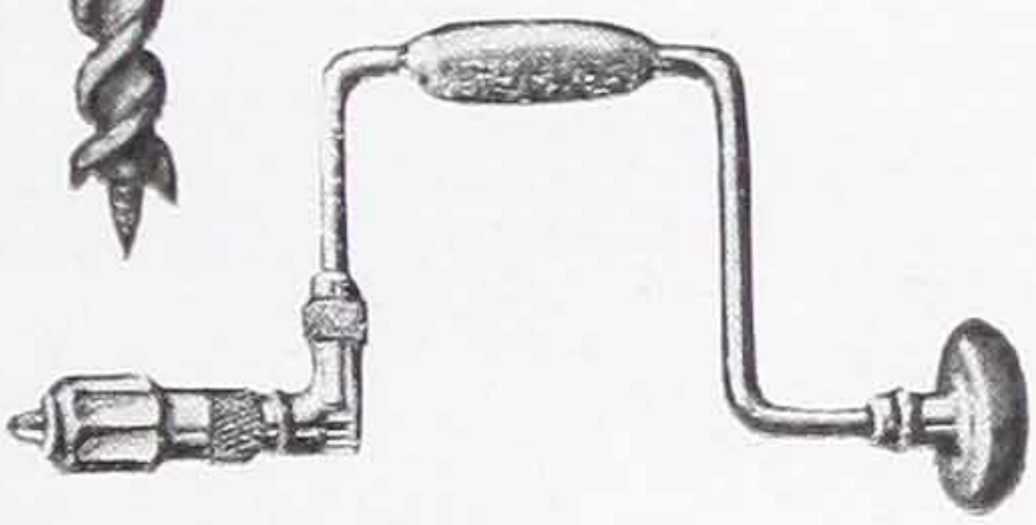
Set No.	Range of Sizes Inches	No. of Tools
34	1/16—3/8 by 16ths	6

No. M 1695
JENNINGS
PATTERN

Sizes $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 $1\frac{1}{4}$ in.

No. M 1693
CENTRE BIT
Cast Steel

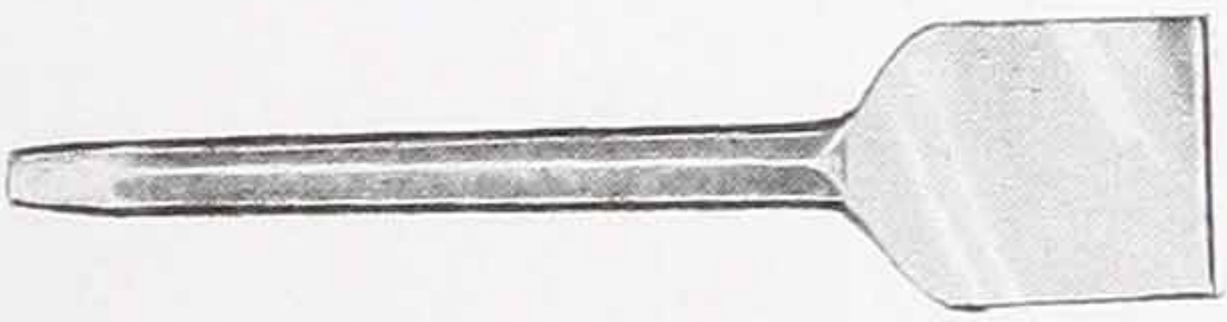
Sizes $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$ in.



No. M 1350
BEST BALL-BEARING RATCHET
BRACE
Bright Fin. 6, 8, 10 in. Sweep

No. M 1389
BEST CABINET TURNSCREW
Oval Beech Handle
Blades : 3, 4, 5, 6, 8, 10, 12 in.

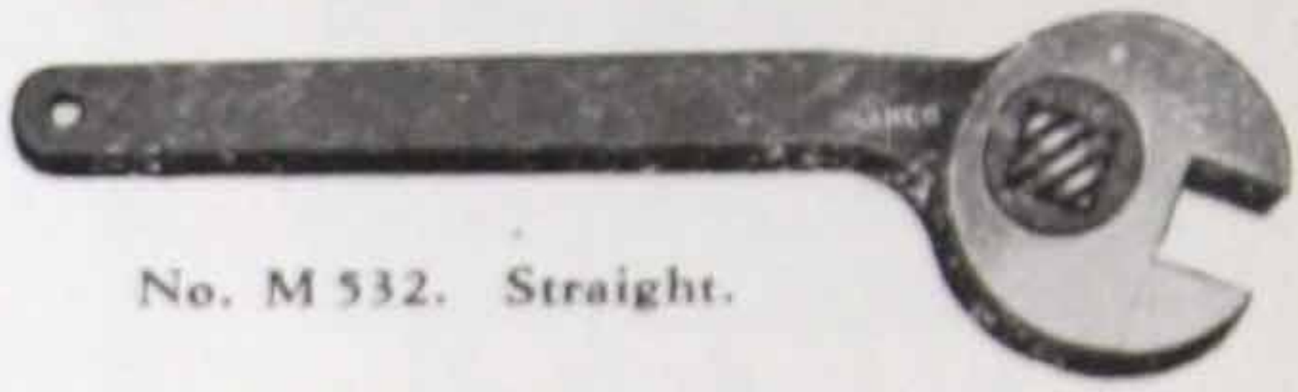
No. M 1397 A
FLOORBOARD STEEL
CHISEL



No. M 1397 B as above in Non-Temper Steel.

TOOLS

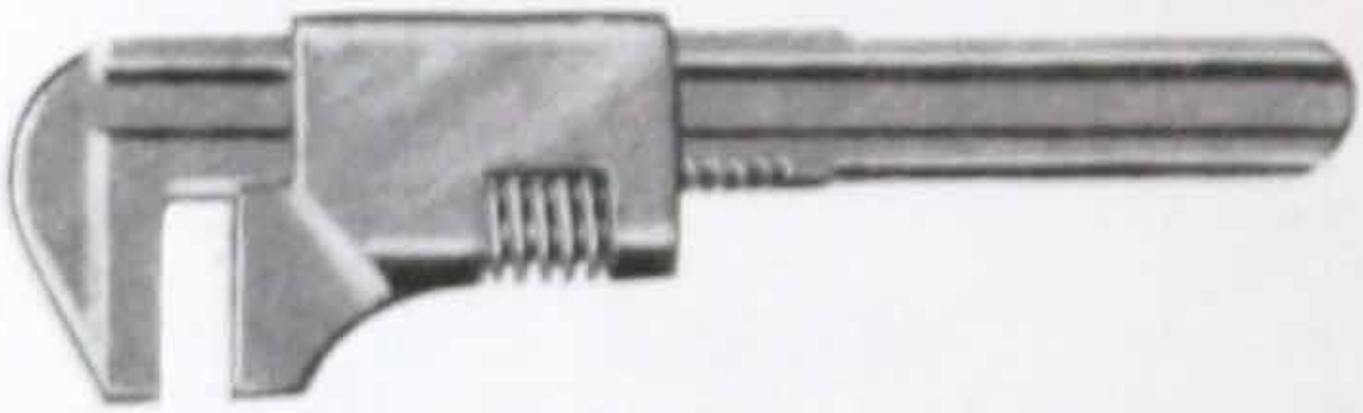
No. M 533. Bent.



No. M 532. Straight.

CLYBURN SPANNERS—STRONG JAW

Size	2	3	4	5	6	
Length ...	6	8	10	12	15 in.	
Span	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$ in.	
Size	7	8	9	10	11	12
Length ...	18	21	24	26	28	30 in.
Span	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3 in.



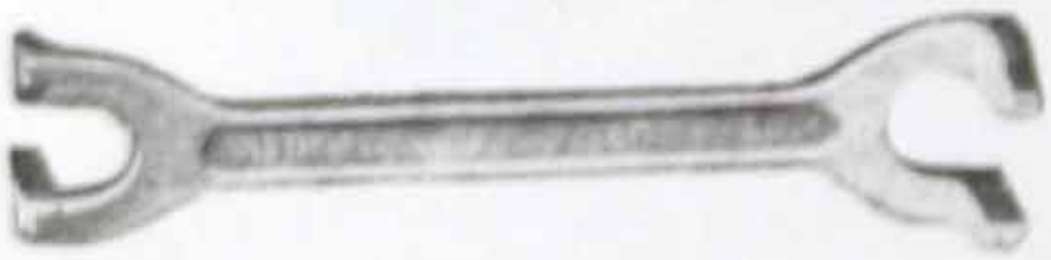
No. M1773
ADJUSTABLE
SPANNER

Size	6	8	12 in.
Jaws open	$1\frac{3}{8}$	$1\frac{5}{8}$	$2\frac{1}{2}$ in.

No. M 1229

BACK-NUT PLIERS

Rough Black Finish Size 12 in.



No. M 413
BASIN WRENCH
For Back Nuts of Lavatory Basins and Bath Taps.

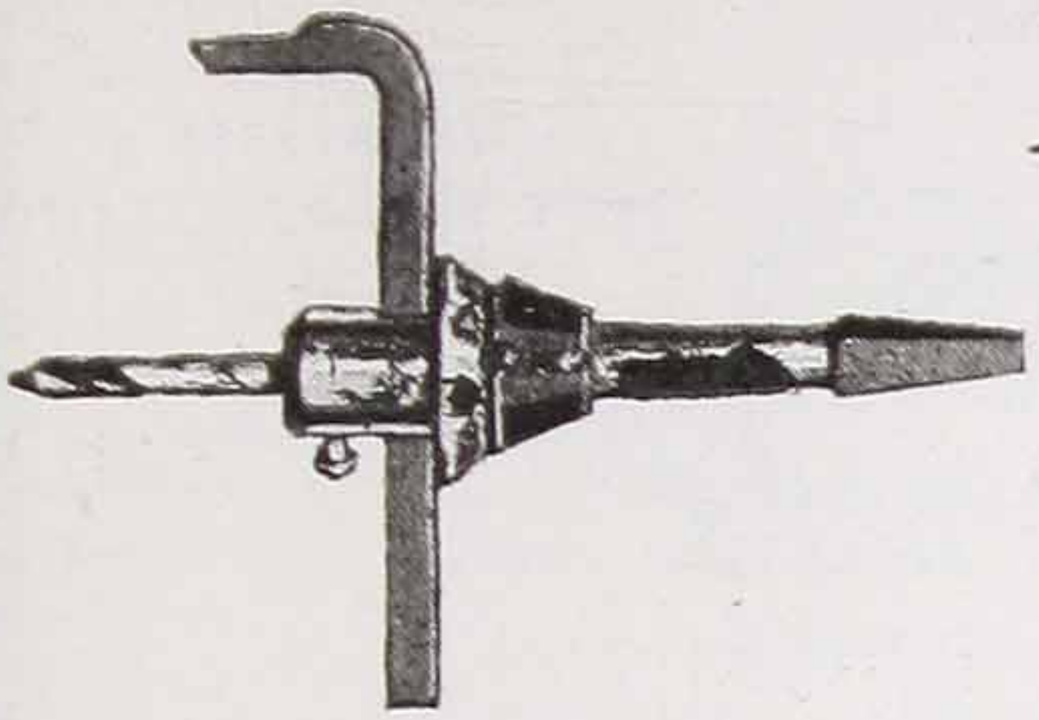
Malleable Iron, $10\frac{1}{4}$ in. long; one end $\frac{1}{2}$ in., other end $\frac{3}{4}$ in.

No. M 252
SPANNER—Hardened Jaws

Sizes	$\frac{1}{4} \times \frac{5}{16}$	$\frac{3}{8} \times \frac{7}{16}$	$\frac{1}{2} \times \frac{5}{8}$	$\frac{3}{4} \times \frac{7}{8}$	$1 \times 1\frac{1}{8}$ in.

All other sizes stocked, and also Single Ended Spanners.

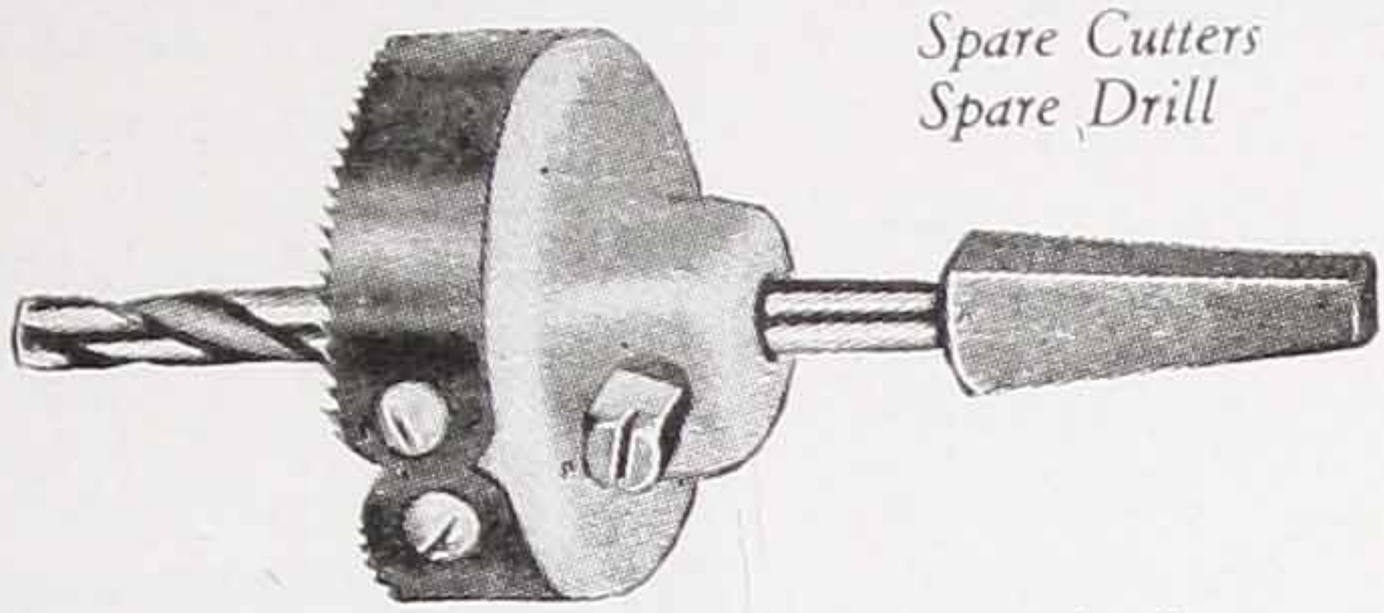
TOOLS



No. M 197/A
ADJUSTABLE EXPANSION DRILL
& CIRCULAR METAL CUTTER

Made from solid wrought steel. Will cut from ½ in. to 5 in. diam.

Spare Cutters
Spare Drill



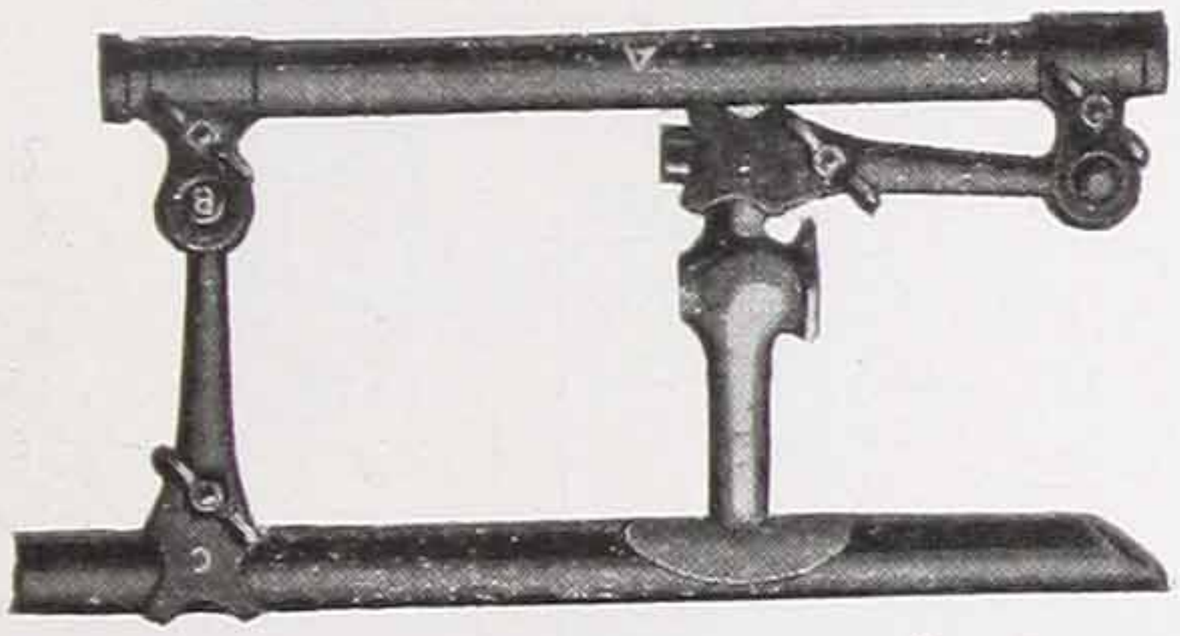
No. M 1194
RING SAW
Used in a
Carpenter's Brace.

The tool is not adjustable—a separate tool is required for each diameter. Ensures a cleanly cut round hole. Stock tools cut up to ⅛ in. thick. Order specially when for use on thicker materials.

For Gas and Water Trades

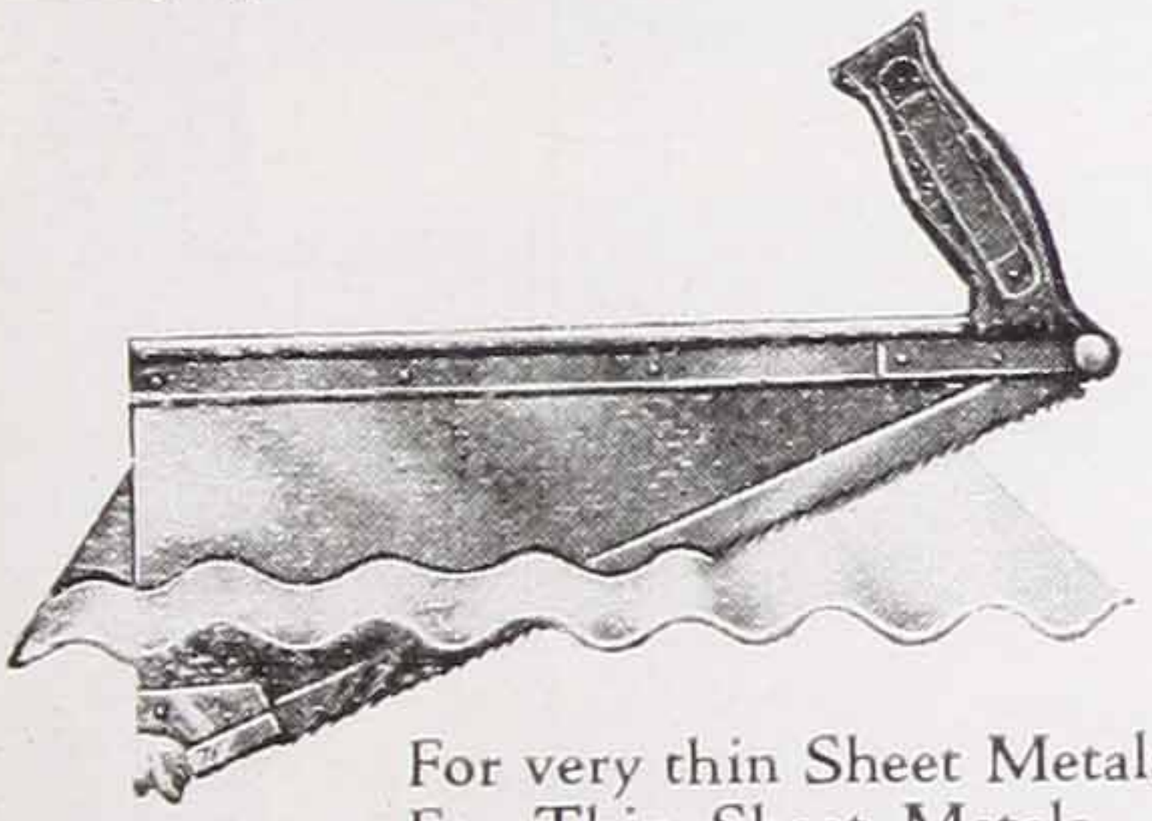
Tool No. ...	0	3	6	9	12	15	18	24
Pipe clearing...	½	¾	1	1¼	1½	1¾	2	2½ in.

No. M 392. UNIVERSAL PIPE SOLDERING CRAMP



When used horizontally on bench it can be crossed obliquely with line of Pipe, and forms a base for work while joint is being made. It is invaluable where joints have to be made **with gas on**, as the main cannot slip asunder while being jointed If only one arm of Cramp is in operation the work can be made perfectly rigid by fixing other arm on an adjoining Pipe, Cistern Edge, Bracket, or any other fixture.

Size of Cramp open, 12½ in. × 7 in. Closed, 12½ in. × 2¾ in.



No. M 1198. SAW

Strongly constructed with a cast steel blade sufficiently thin to follow the cut of an ordinary 12 in. Hack Saw Blade. Will cut through any width or length of material.

For very thin Sheet Metals use a Blade with 32 teeth to inch
For Thin Sheet Metals ,, ,, ,, 22 ,, ,, ,,
For Ebonite, Asbestos, Tiles, etc. ,, ,, 14 ,, ,, ,,
For Asbestos Sheets ,, ,, 7 ,, ,, ,,

Spare blades can be supplied.

TOOLS

No. M 1357
BEST WARRINGTON
HAMMER
Handled.

Sizes ... 0 1 2 3 4

No. M 1357A. SHAFTS.
Nos. 0, 1, 2, 3, and 4

No. M 1364
BEST ADZE EYE HAMMER
Handled.

No. M 1352
SHAFTS
For Adze Eye
Hammers.
14 in. (for all sizes).

16 20 24 ozs.

No. M 1358 BALL PEIN
No. M 1359 CROSS PEIN

Heads, Ball or Cross Pein —
½ lb. and ¾ lb. 1 lb. to 3 lb.
Handled —
1 1¼ 1½ 2 lbs.

No. M 1595
LUMP
HAMMER
Handled.

2½ 4 lb.

No. M 1700A
LATH HAMMER
Strapped

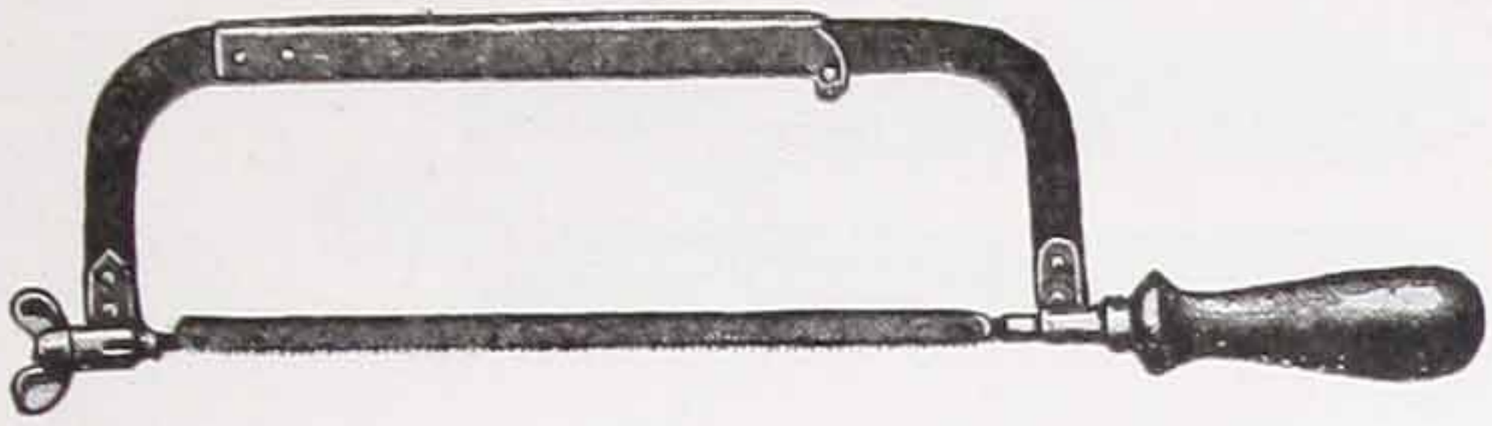
No. M 1594
WALLING
HAMMER
Handled

Sizes ... 1 2 2 3 4 lb.

TOOLS

No. M 1401
HACK SAW FRAME

Nickel-plated, extending for blades, 8 in. to 12 in.
Made in 3 qualities.



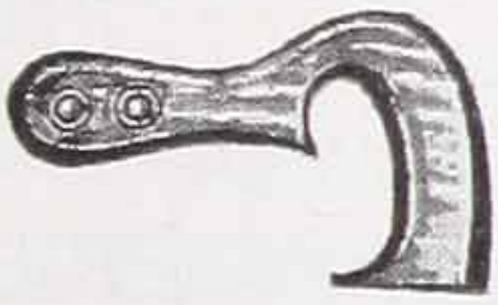
No. M 1403
HACK SAW BLADES

Hard all through. Warranted Quality. No extra charge for Fine Teeth.

A ...	Size 9 in.	× ½ in.	× 18, 24, or 32 teeth per in.			
B ...	,, 10 in.	× ½ in.	× ,,	,,	,,	
C ...	,, 12 in.	× ½ in.	× ,,	,,	,,	

No. M 1404
DOUBLE EDGE BLADE

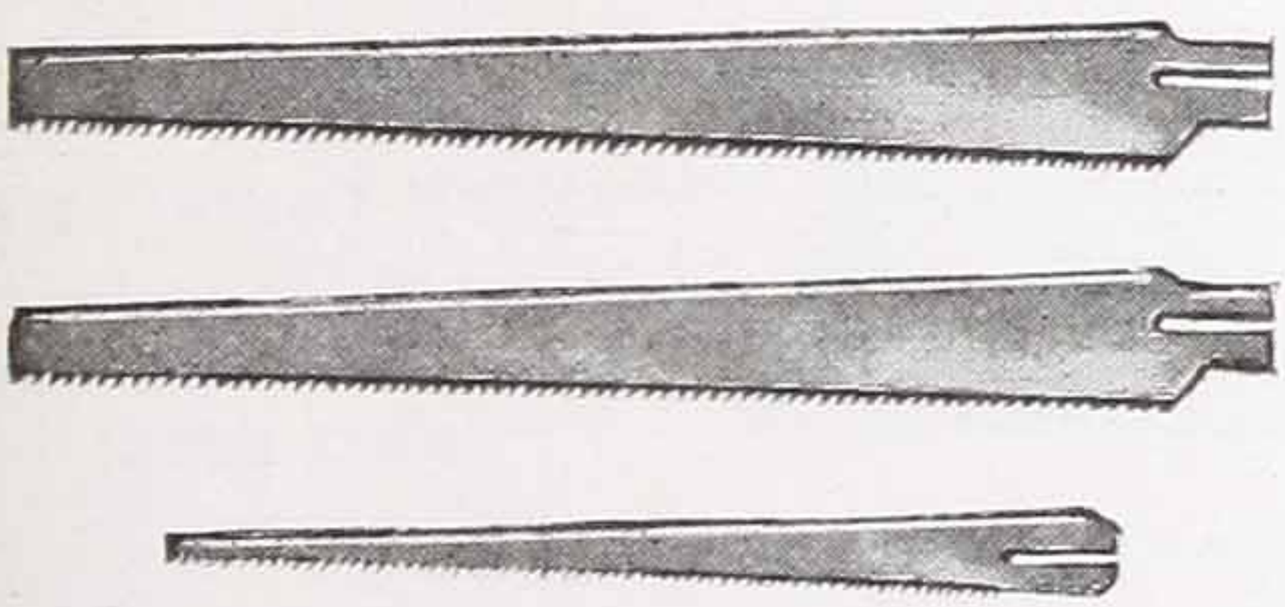
10 × 1 in. 12 × 1 in.

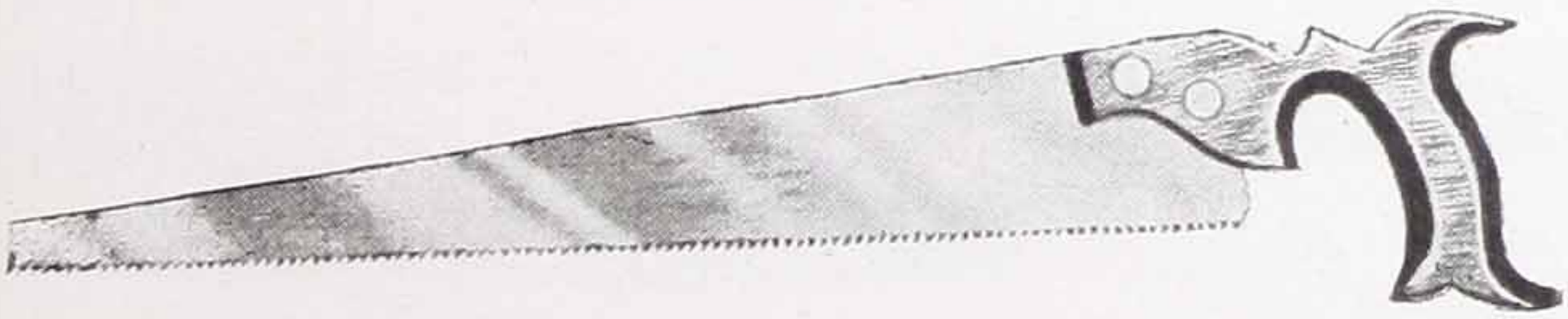


No. M 1369
3-SAW SET
INTERCHANGEABLE SAWS.

Best Quality.

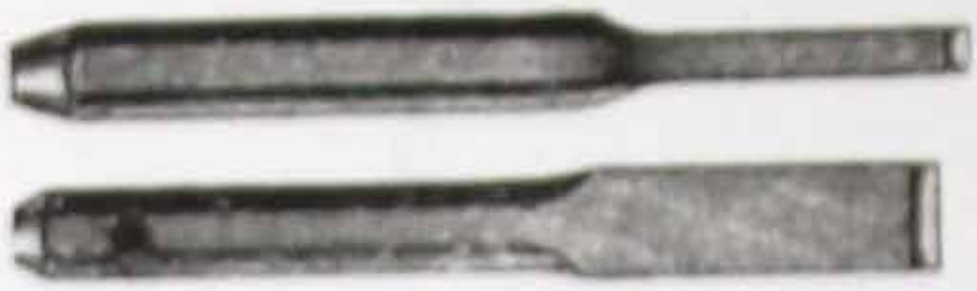
Saws, 10 in., 14 in., and 16 in. long respectively





No. M 1710A. PLUMBER'S SAW 18 in. Blade.

TOOLS



No. M 1408
COLD STEEL CHISELS

Sizes ... 6 × ½ 8 × ¾ 10 × ⅝ 10 × ¾ 10 × ⅞ 12 × ¾ in.

Sizes ... 12 × ⅞ 12 × 1 18 × ¾ 18 × 1 24 × ¾ in.

No. M 1395
CAST-STEEL
PLUGGING CHISELS

Sizes ... 9 × ½ 9 × ⅝ 9 × ¾ 10 × ⅝ 12 × ¾ in.

No. M 1407
DIAMOND
DRILL POINT

Sizes ... 9 × ½ 10 × ⅝ 12 × ¾ 12 × 1 in.

No. M 1409
CROSS
SECTION DRILL

Sizes 9 × ½ 12 × ½ 12 × ⅝ 18 × ½ 18 × ¾ 24 × ¾ 18 × 1 24 × 1 in

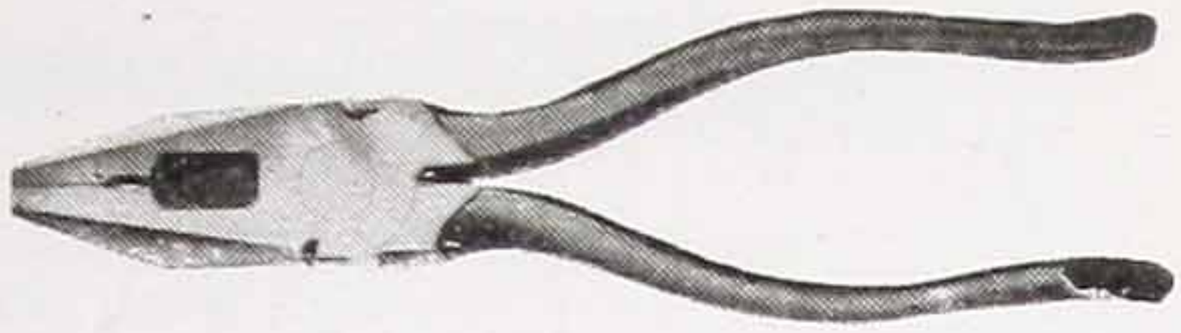
No. M 1410
CROWN HOLLOW
END DRILL

Sizes ... ... 9 × ⅝ 9 × ¾ 10 × ⅝ 10 × ¾ 12 × 1 in.

No. M 1411
CAULKING CHISELS
Set of 6 standard shapes

TOOLS

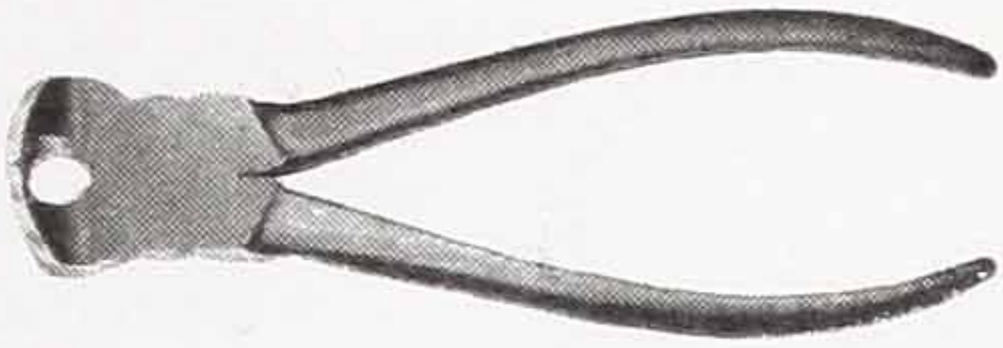
No. M 1232
COMBINATION PLIERS
With Burner Hole and
Two Wire Cutters.

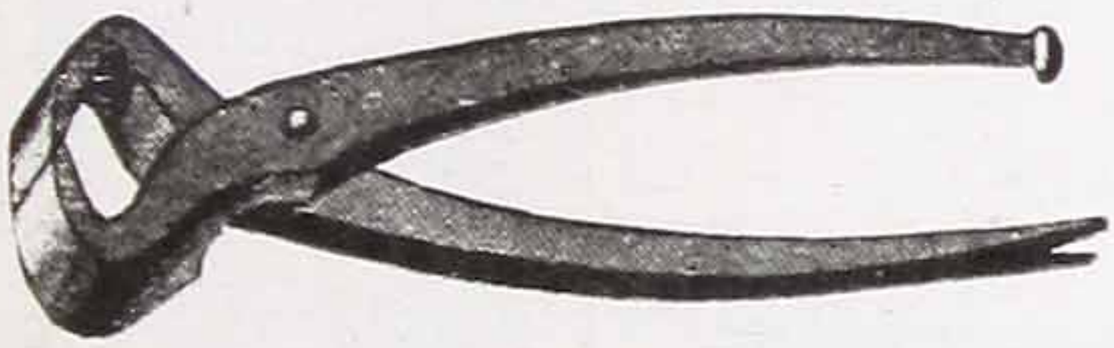


Flat Nose. Sizes ... 6 7 8 in.

No. M 1237
COMBINED GAS PLIERS
With Wire Cutter, Pipe Opener and Turnscrew.
Sizes ... ... 6 7 8 9 in.

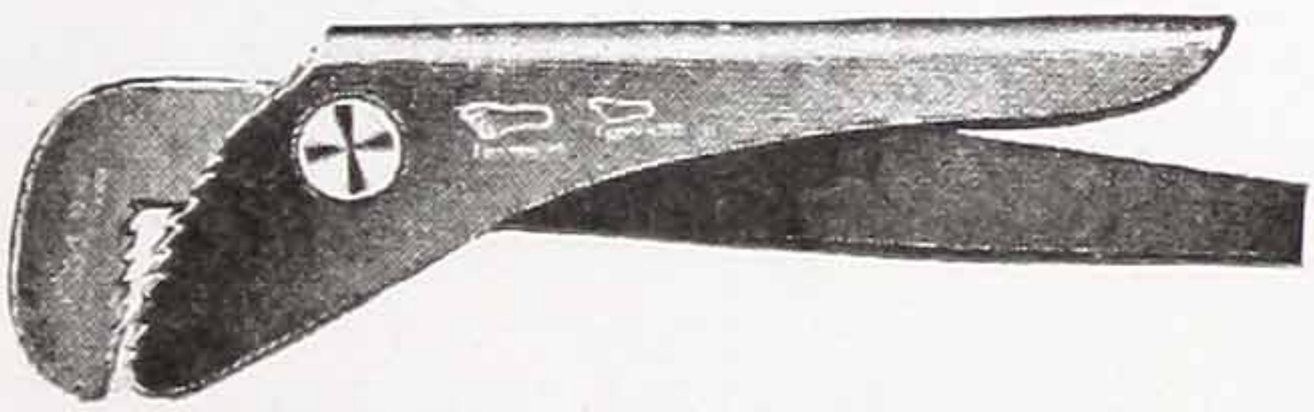
No. M 1398
END CUTTING NIPPERS
Sizes 4 5 6 in.





No. M 1380
PINCERS
Sizes 6 7 8 9 in.

No. M 245
FOOTPRINT WRENCH
Black



Length ...	$5\frac{3}{4}$	7	9	12	14	16 in.
Span ...	$\frac{1}{16}$ to $1\frac{1}{2}$	$\frac{1}{16}$ to $1\frac{1}{2}$	$\frac{1}{8}$ to $2\frac{1}{2}$	$\frac{1}{4}$ to 3	$\frac{1}{4}$ to 3	$\frac{1}{2}$ to $3\frac{3}{4}$ in.

WARRANTED TINMAN'S SNIPS

Straight Blades, **No. M 1382.** Bent or Curved Blades, No. M 1383.
Sizes ... 6 7 8 9 10 11 12 14 16 in.

TOOLS

No. M 964. STRAIGHT SOLDERING IRON
With Wood Handle

Sizes ... 4 6 8 10 12 16 ozs. and upwards

No. M 965. HATCHET SOLDERING IRON
With Wood Handle

Sizes ... 4 6 8 10 12 16 ozs. and upwards

THE SOLON ELECTRIC SOLDERING IRON
Fitted with 6 oz. Bit.

Consumption 65 watts. Supplied complete with 6 ft. Twin Flexible Cord.

No. M 280.
CAST-IRON METAL POT

Sizes 6 8 10 12 14 in.

No. M 276
WROUGHT-IRON PLUMBERS' LADLE

Sizes ... 3 4 5 6 8 10 in.

These are strong Ladles—Handle and Bowl in one piece.

No. M 283. GULLEY LADLE
With Long Handle

Sizes... 3 3½ 4 4½ in. Bowl

No. M 399 PLUMBERS' GOUGE
With Beechwood Handle.

Sizes ... ¾ 1 1¼ in.

TOOLS

No. M 1112A

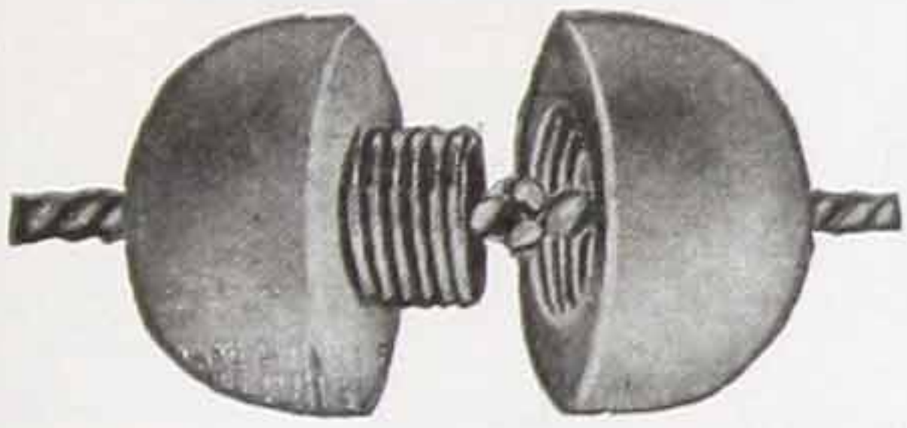
No. M/1112A BLOW LAMP
1 in. diameter

No. M/1112B SHORT NECK
$1\frac{1}{2}$ in. diameter

No. M 1113
LONG NECK BLOW LAMP

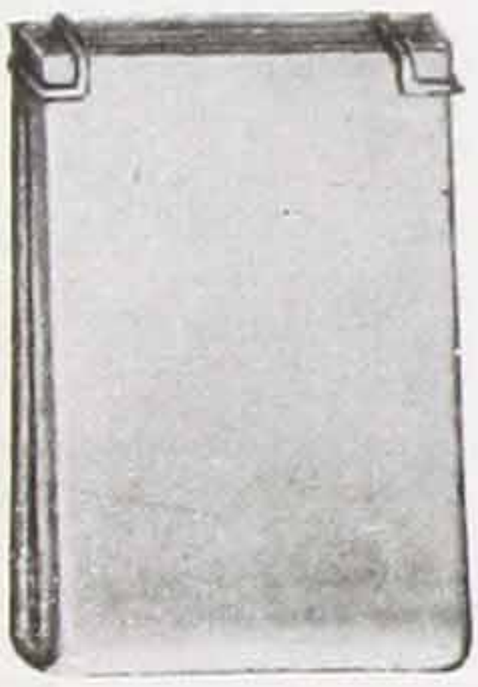
Diameter of Body, $1\frac{1}{2}$ in.
Length of Body, $4\frac{1}{2}$ in.
Length of Neck, $3\frac{1}{2}$ in.

No. M 1113



No. M 1518
BRASS FOLLOWER OR BOBBIN DRIVER
True in Diameter.
Recessed in centre to prevent cutting of cord.

Dia. of Pipe...	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4 in.



No. M 1310
WIPING CLOTHS

$2\frac{1}{2} \times 1\frac{1}{2}$ in. 4×3 in.
$4\frac{1}{2} \times 3\frac{1}{2}$,, 5×4 ,,

No. M 8C. BLOW PIPE FOR GAS
With Improved Control Tap arrangement ; Gas and Air supplies independent and under control of one finger.

Sizes... ...	1	2	3	4
Gas Supply ...	$\frac{3}{8}$ for $\frac{3}{8}$	$\frac{1}{2}$ for $\frac{1}{2}$	$\frac{3}{4}$ for $\frac{3}{4}$	1 for 1 in.

No. M 1311
MOLESKIN WIPING CLOTH
Best Quality only.
Approx. 29 in. wide

BASSES

M 402 A. Canvas Lined with Straps

Sizes ...	3	4	5

M 403. Leather Lined with Straps

Sizes ...	3	4	5

TOOLS

No. M 1412B
BRICKLAYER'S HAMMER LONG HEAD

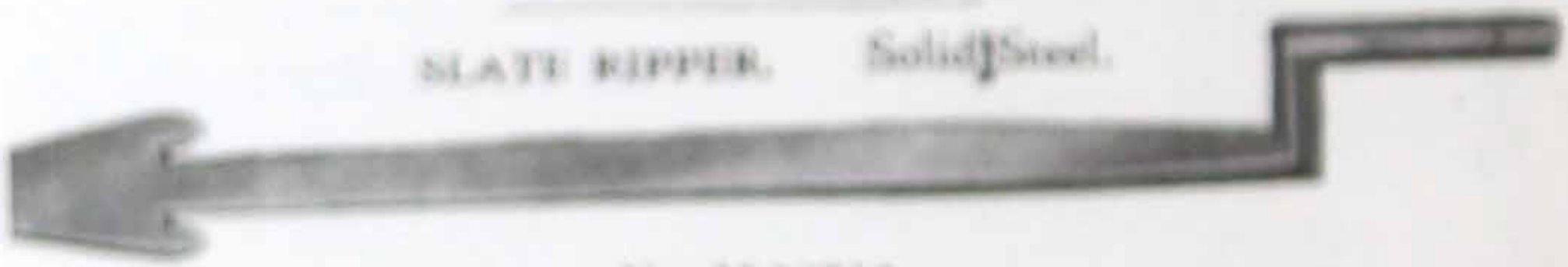
No. M 1412A
SHORT HEAD,

No. M 1413
MORTAR PICK

No. M 1414B.
SLATER'S HAMMER
With Claw.
Cast Steel.
No. M 1414A
Without Scrap

No. M 1418 B
SLATER'S KNIFE OR AXE

SLATE RIPPER. Solid Steel.



No. M 1421A.

POINTING TROWEL

No. M 1417 C	Sizes ...	5	6	7 in.
No. M 1417 A	...	6 in.		

BRICK TROWELS

	Sizes ...	10	11	12 in.
No. M 1416	No. M 1465	Wide Pattern	10, 11, 12 in.	

We issue a separate List of Contractors' Tools and Plant, and shall be pleased to send a copy on request.

TOOLS

No. M 570. PIPE BENDER

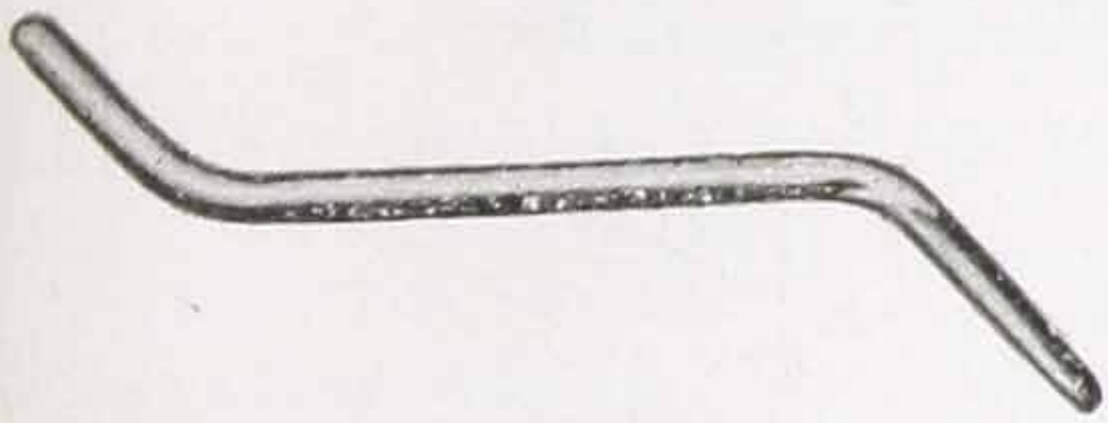
For Pipes ... 1 1¼ 1½ 2 2½ in.

No. M 571
CLIMAX
PIPE
BENDER

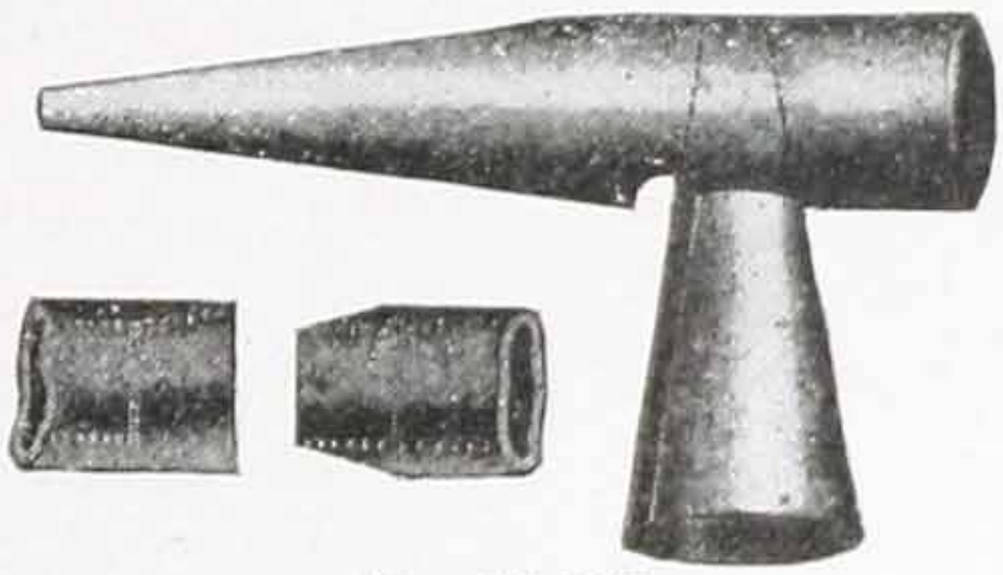
Made of Best Steel Wire, with **Convex Face,** does not injure the Lead Pipe.
For Pipes ... ½ ¾ 1 1¼ 1½ 2 in.
If required for light copper, state so when ordering.

No. M 572. IMPROVED PIPE BENDER

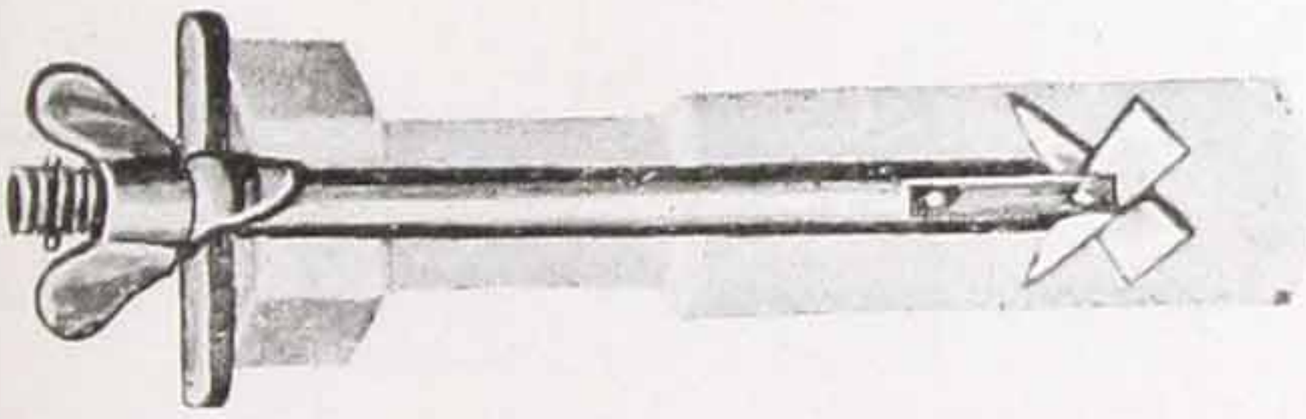
The edges of the wire are slightly depressed below the surface, so as to facilitate withdrawal from bends. An iron rod can be fastened to Spring for the purpose of making bends any distance from end of Pipe.
For Pipes ... ¾ 1 1¼ 1½ 2 in.



No. M 1300
BENDING BOLT
OR PIN
Lengths... 9 12 in.



No. M 393
BAILEY'S PIPE JOINTER



THE BURLOC
FIXING TOOL
No. M 1224
For holding
Plumbers' Unions in
straight joints only.

Sizes	0	1	2
For Pipes	⅜ to ½ in.	½ to ¾ in.	¾ to 1½ in.

No. M 1648
BOBBINS

No. M 1648A
TURNPINS

Sizes ... ... 1 1¼ 1½ 1¾ 2 3 3½ 4 in.

TOOLS

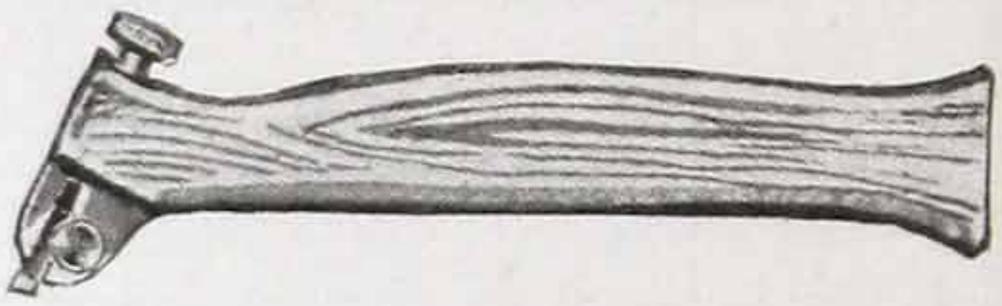
No. M 1222.

SCREW-DOWN PIPE OPENER

Simplifies the opening of Lead Pipes for branch making. It is easier and quicker to manipulate than the usual type. It also ensures a perfectly square joint.

No. M 1190

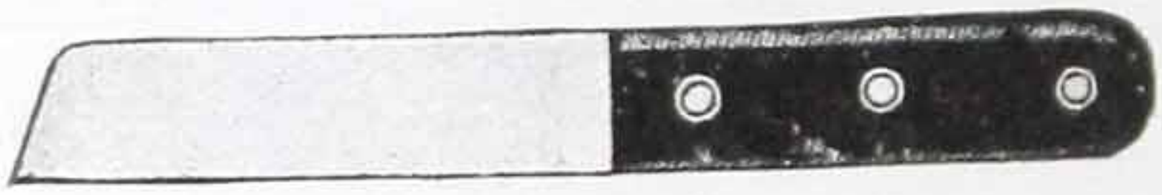
CUTTER FOR CUTTING SHEET LEAD, ZINC, AND OTHER SOFT METALS



Handle is of Aluminium, Cutter is of Carbon Steel with 2 Bevelled Edges securely held in either side of head with Locking Screw.

It Cuts a Groove in the Metal and is a Labour Saving Tool.

Extra Cutters can be supplied.

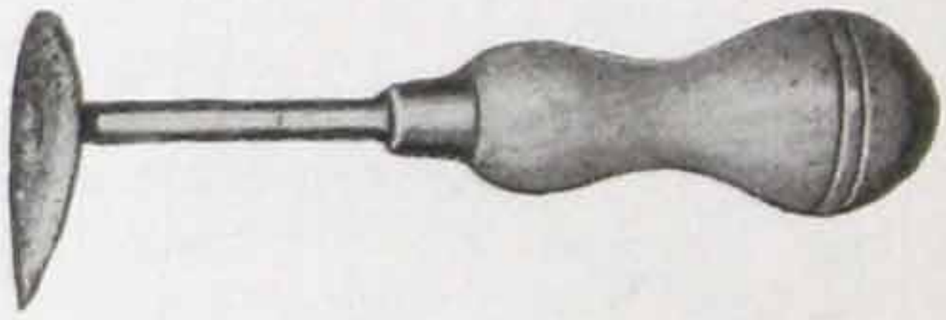


No. M 202

HACKING KNIFE

Best. 4½ in. Blade. 3 Rivets,

No. M 397. HEART PATTERN SHAVE HOOK



No. M 398

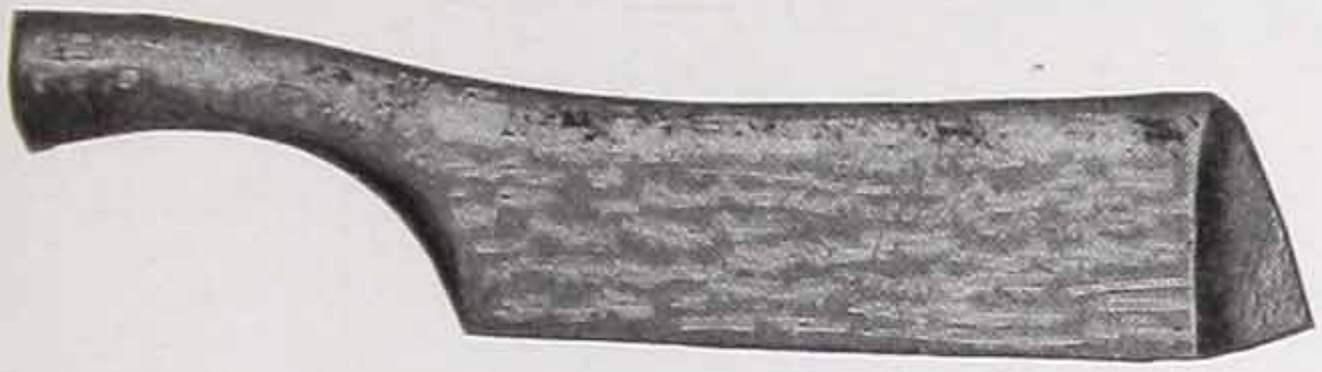
TRIANGULAR SHAVE HOOK

No. M 401

POCKET KNIFE

Horn Handle.

TOOLS

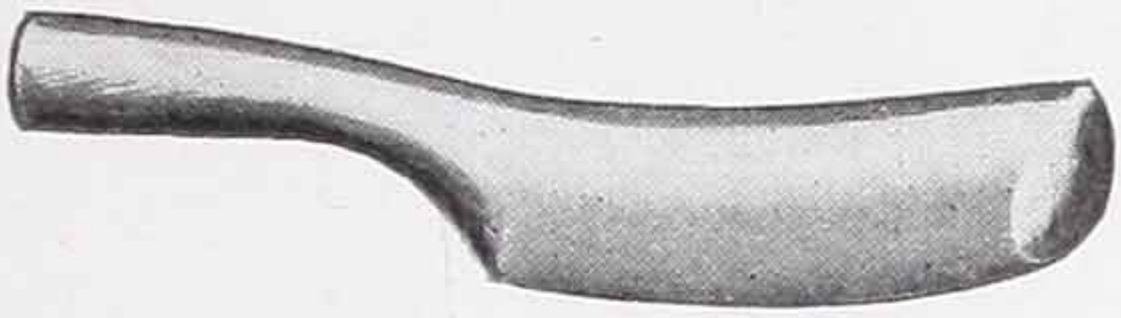


No, M 1637
DRESSER OR
LEAD BEATER
BOXWOOD

	Ex. Small.	Small.	Medium.	Large.	Ex. Large
Nos.	1	2	3	4	5
Size	$1\frac{3}{4} \times 7$	$2 \times 7\frac{1}{2}$	$2\frac{1}{4} \times 8$	$2\frac{3}{8} \times 8\frac{1}{2}$	$2\frac{1}{2} \times 9$ in.

No. M 1639
BENDING STICK,
BOXWOOD

Small. Medium. Large.

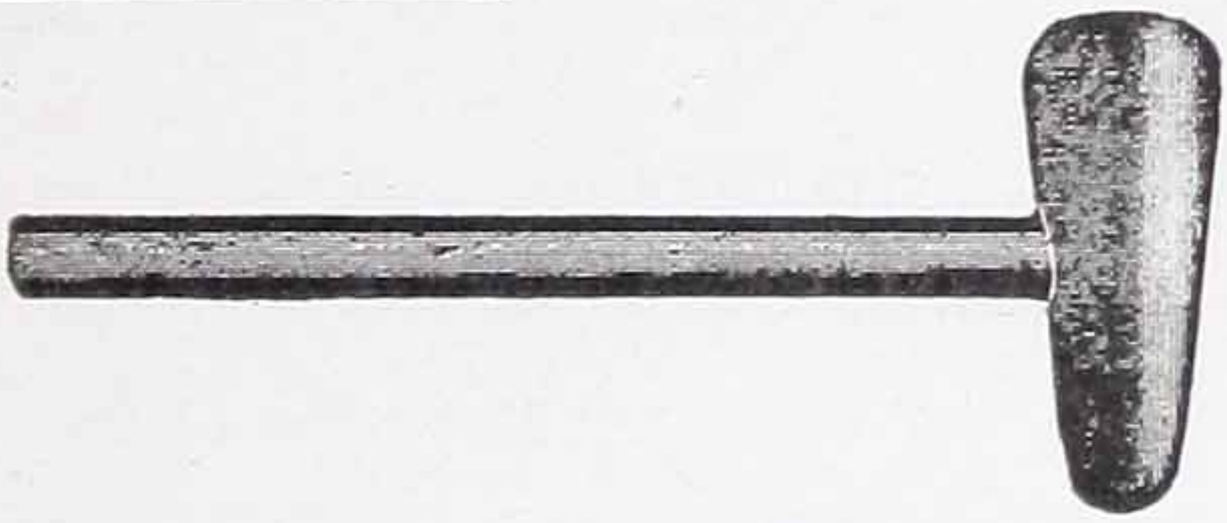


No. M 1638
BOSSING STICK,
BOXWOOD

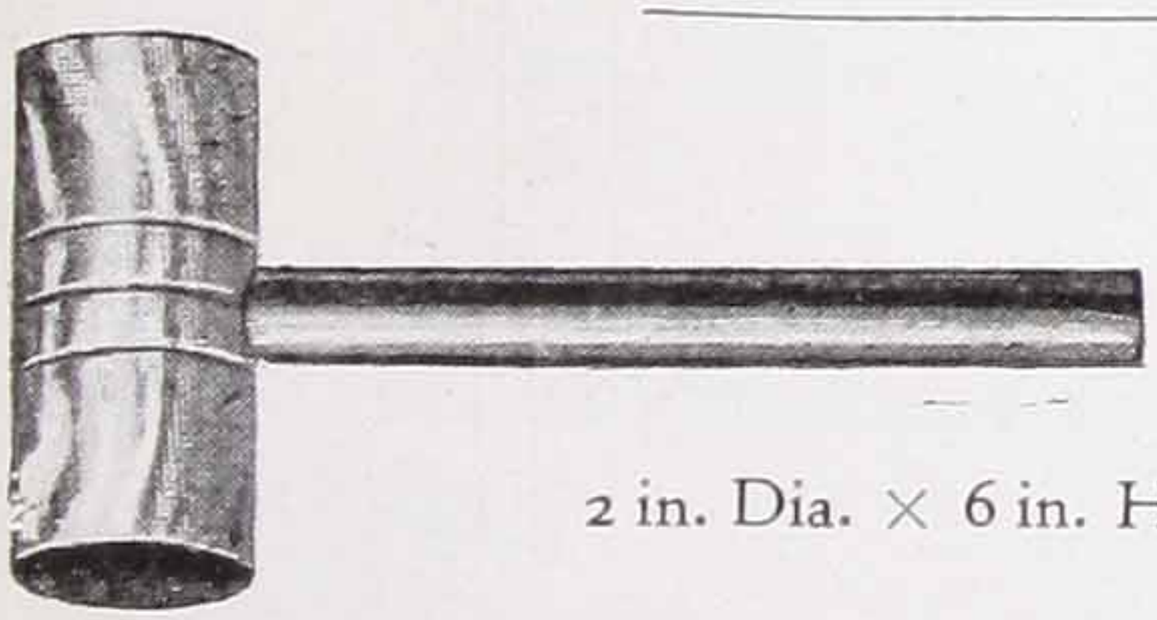
Small Medium Large

No. M 1642
BOSSING MALLET

Boxwood and Lignum-Vitae Heads. Selected Malacca Cane. Unbreakable Handle. Highly Finished.



Dia. of Face	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$ in.



No. M 1322
TINMAN'S MALLET

Heads of Boxwood and Lignum Vitae with Ash Handle.

2 in. Dia. × 6 in. Head 3 in. Dia. × 6 in. Head

No. M 1321. MANDRIL. Boxwood and Lignum-Vitae.

Sizes .. $5\frac{1}{2} \times 1$ $6 \times 1\frac{1}{4}$ $7 \times 1\frac{1}{2}$ 8×2 $10 \times 2\frac{1}{2}$ 12×3 $13 \times 3\frac{1}{2}$ 15×4 in.

LONG BEECH MANDRILS—Prices on Application.

TAP RESEATING TOOLS

No. M 1920

THE "ACFIRB" RESEATING TOOL

comprising :

Five Flat Cutters—$\frac{3}{8}$ in., $\frac{7}{16}$ in., $\frac{1}{2}$ in., 1 in., 1$\frac{1}{8}$ in.

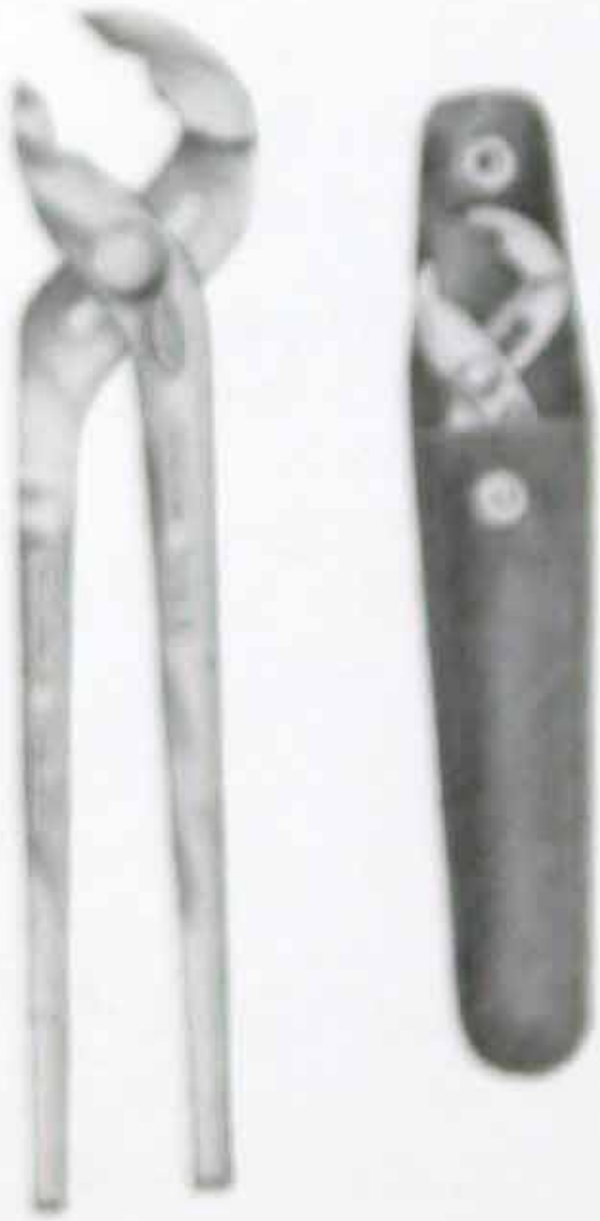
No. M 1921

THE "TAYLOR HOWIE" COMBINED RESEATING TOOL

For Standard and Fine Threads. For $\frac{3}{8}$ in., $\frac{7}{16}$ in., $\frac{1}{2}$ in. and 1 in. taps and for Ball Taps $\frac{5}{8}$ in. and $\frac{3}{4}$ in.

THE "TAYLOR HOWIE" BALL TAP RESEATING TOOL

For $\frac{5}{8}$ in. and $\frac{3}{4}$ in. Ball Taps.



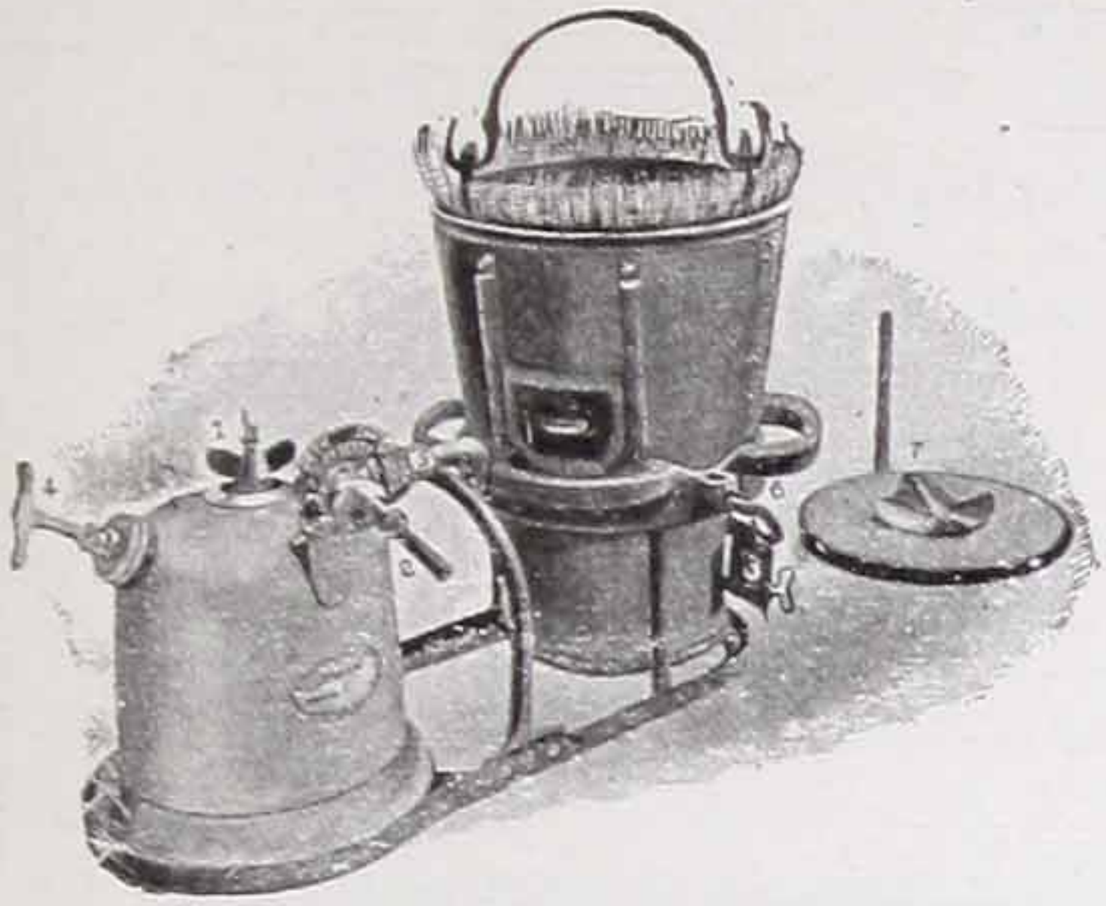
No. M 1922

GORDON WATER AND PUMP GLAND NUT PLIERS

No. 601—10 in. in cardboard carton.

No. 602—4$\frac{1}{2}$ in. in leatherette wallet.

A separate list of Contractors' Tools sent on request.



TYERS PORTABLE OIL FURNACES

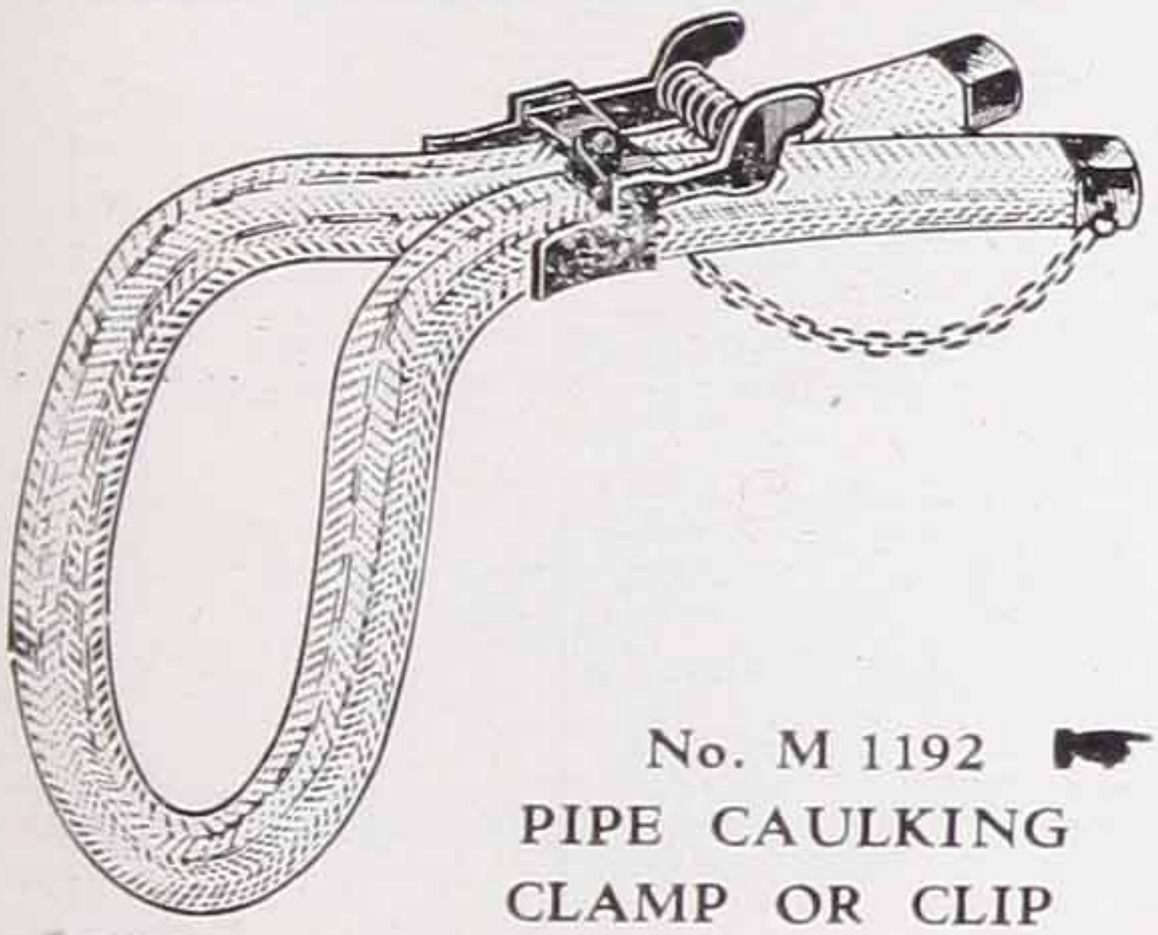
No. M 589

Horizontal or Upright Models at same prices.

Each Furnace is supplied with Bucket Rest OR Pipe Cover.

Orders should specify which is required. If BOTH supplied one is charged extra.

SIZE	SPECIFICATION	OIL CAPACITY
No. 1	Heats 1 in. Pipe and Melts 10 lbs. metal	2 Pints
No. 2	,, 1½ in. ,, ,, 16 lbs. ,,	3 ,,
No. 3	,, 2 in. ,, ,, 28 lbs. ,,	5 ,,
No. 4	,, 2½ in. ,, ,, 56 lbs. ,,	7 ,,
No. 5	,, 3 in. ,, ,, 1 cwt. ,,	9 ,,
No. 6	,, 4 in. ,, ,, 2 cwt. ,,	12 ,,



No. M 1916
SQUIRREL TAIL PIPE JOINTERS

This adjustable jointing ring is used for pouring lead when caulking iron mains, soil pipe, etc. The rope is made from specially woven asbestos and fitted with a spring clip.

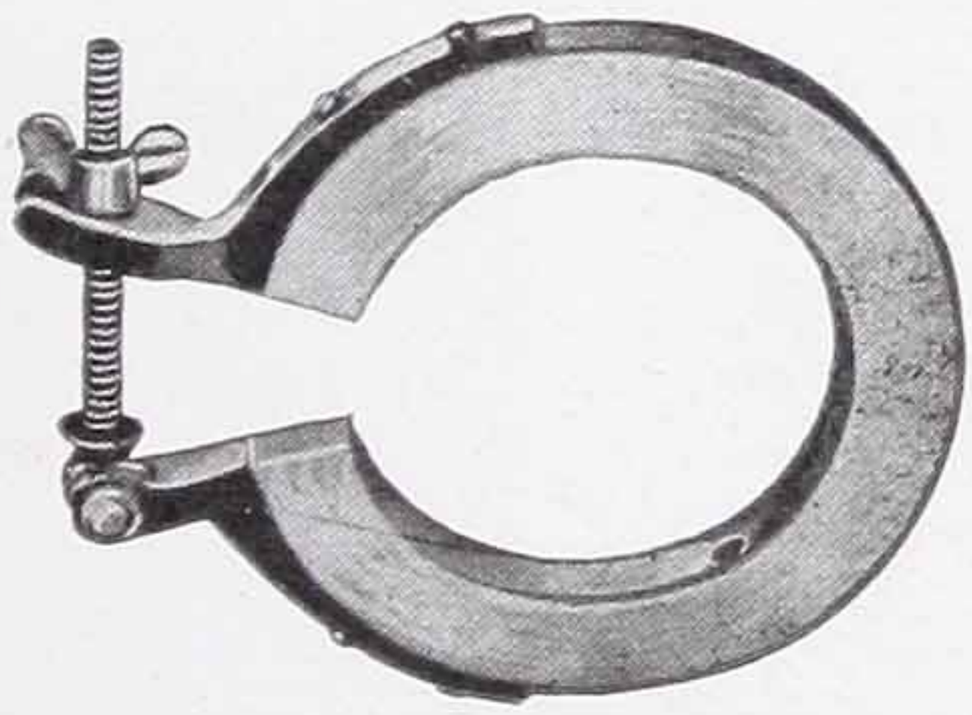
For pipes up to diam.: 3 in., 4 in., 6 in., 9 in., 12 in., 18 in. 24 in.

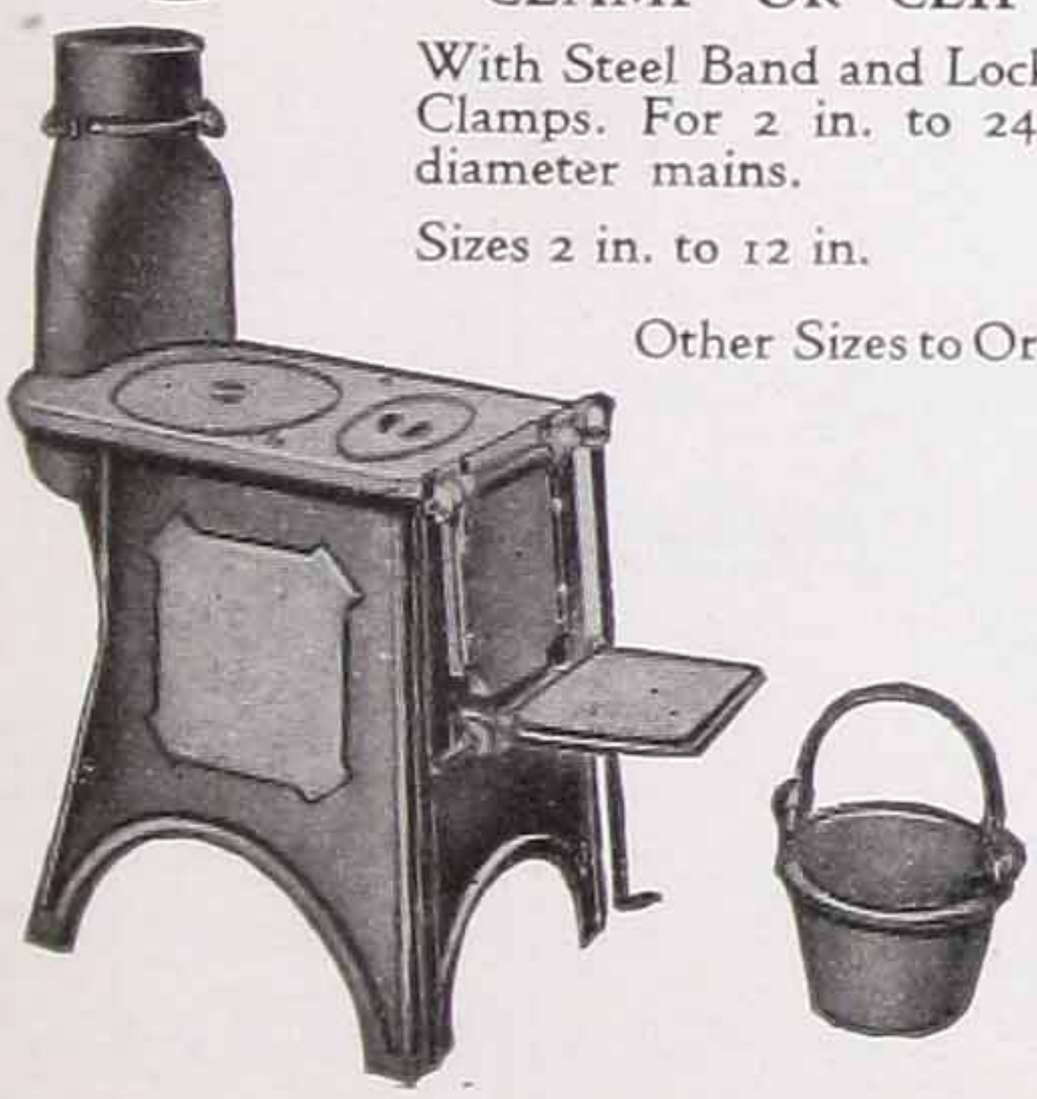
No. M 1192
PIPE CAULKING CLAMP OR CLIP

With Steel Band and Locking Clamps. For 2 in. to 24 in. diameter mains.

Sizes 2 in. to 12 in.

Other Sizes to Order.





No. M 271
PLUMBERS' STOVE

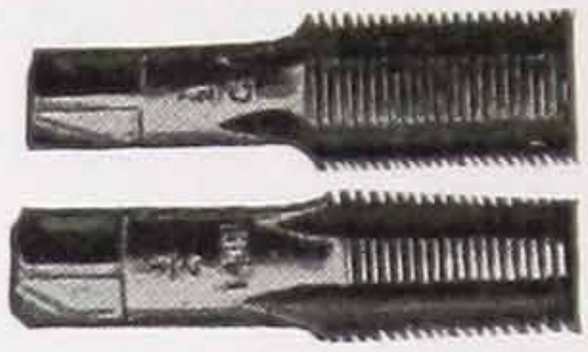
For Coal or Coke. With Draught Cap, Poker, and 5 in. Metal Pot.

TOOLS

No. M23. GAS THREADING TAPS

Plug

Taper



STANDARD SIZE AND PITCH, TAPER AND PLUG TAPS, FOR IRON GAS TUBE

Sizes ...	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.

No. M 17. WHITWORTH STANDARD SIZE AND PITCH, TAPER, SECOND AND PLUG TAPS, FOR BOLT PURPOSES

Plug

Taper

Sizes ... to	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.

No. M 28 BURR REMOVING REAMER FOR BRACE

In cutting piping, particularly small sizes, there is left a bad burr, and as the full area of the pipe should be available this serviceable little reamer can work off easily the burring and leave a clean edge.

	A	B	BB	C
Pipe size	$\frac{1}{8}$ to $\frac{1}{2}$	$\frac{1}{8}$ to 1	$\frac{1}{4}$ to $1\frac{1}{4}$	$\frac{1}{4}$ to 2 in.

No. M 27 TAP WRENCH ADJUSTABLE

Foreign.

No. ...	1	2	3	4	5
For Whit. ...	$\frac{1}{16} \times \frac{3}{8}$	$\frac{3}{16} \times \frac{1}{2}$	$\frac{1}{4} \times \frac{3}{4}$	$\frac{3}{8} \times 1$	$\frac{1}{2} \times 1\frac{1}{4}$ in. Tap
For Gas ...	—	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1 in. Tap

No. M 210 ENGINEERS' STOCKS AND DIES

(Whitworth Thread)

Stocks and Dies.

Range Sizes :	$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ in.	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$ in.	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ in.	$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 in.

MIDGET RATCHET STOCK

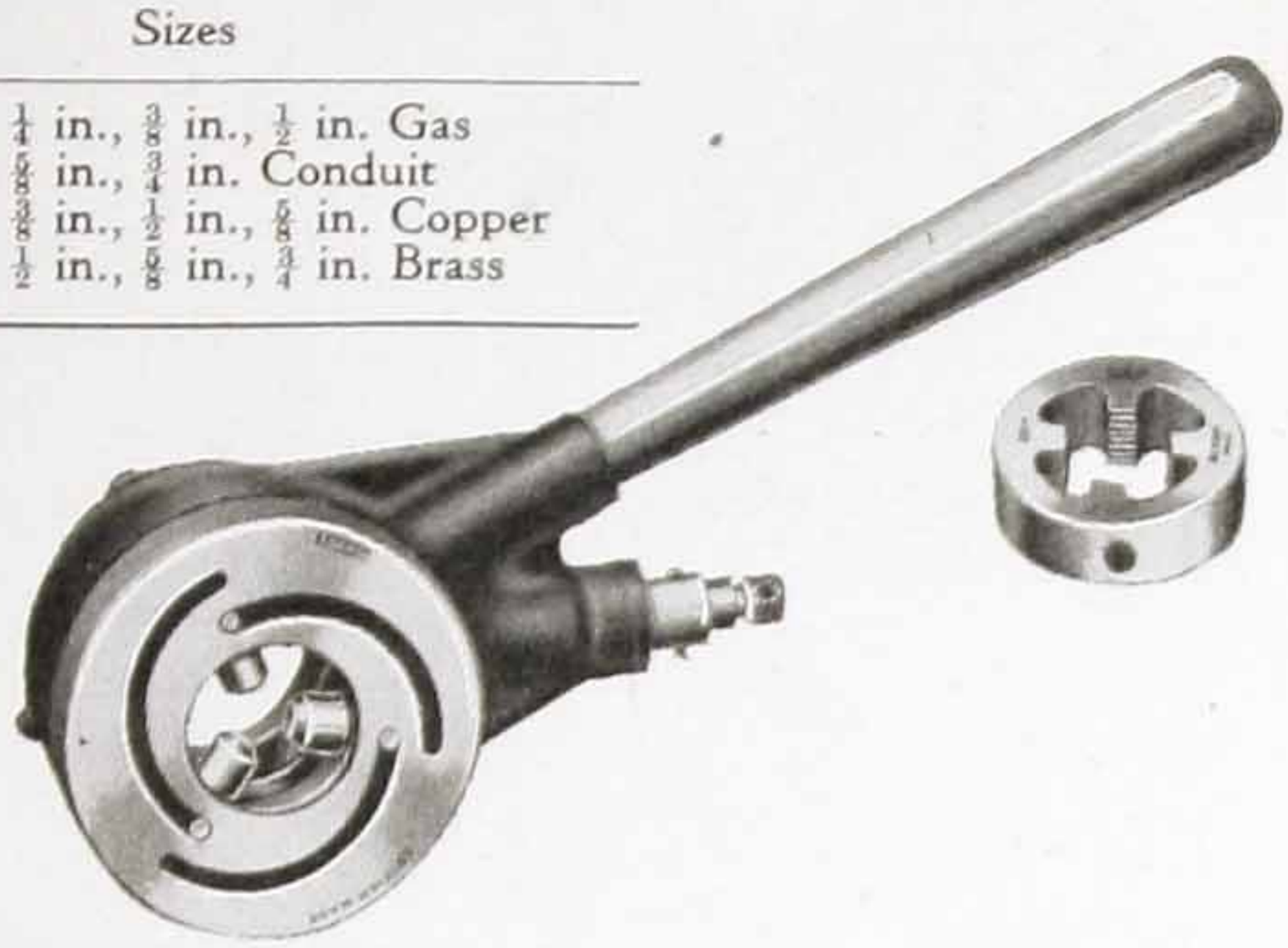
FITTED WITH ADJUSTABLE SELF-LOCKING GUIDES

For Gas, Conduit, Copper and Brass Threads. Guides cut away to give swarf clearance.
An ideal Tool for use in awkward places.

STOCK FRAME AND HANDLE IN ONE PIECE.

Set No.	Sizes
443/A	$\frac{1}{8}$ in., $\frac{1}{4}$ in., $\frac{3}{8}$ in., $\frac{1}{2}$ in. Gas
443/B	$\frac{1}{2}$ in., $\frac{5}{8}$ in., $\frac{3}{4}$ in. Conduit
443/C	$\frac{1}{4}$ in., $\frac{3}{8}$ in., $\frac{1}{2}$ in., $\frac{5}{8}$ in. Copper
443/D	$\frac{3}{8}$ in., $\frac{1}{2}$ in., $\frac{5}{8}$ in., $\frac{3}{4}$ in. Brass

All sets supplied in polished wood box. Combined Sets. Gas and Brass, etc., can be supplied as required.



STOCKS AND DIES FOR BRASS OR COPPER TUBE

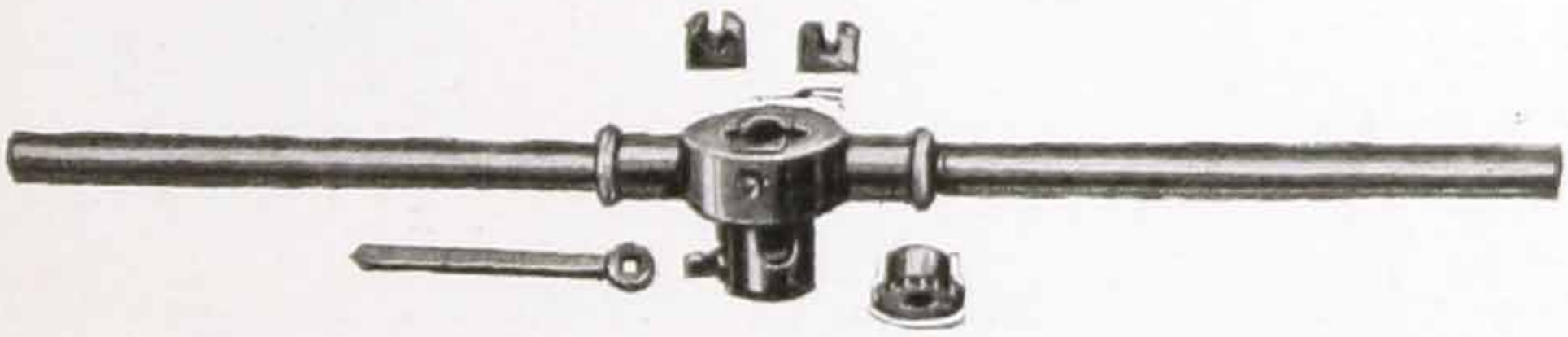
26 Threads per inch.

No. M 1206

	inches				
A	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	Brass	
B	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$		
C	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	
D	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
E	$\frac{1}{4}$*	$\frac{3}{8}$	$\frac{1}{2}$		
F	$\frac{1}{4}$*	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	
G	$\frac{1}{4}$*	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
H	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	

* Iron.

AMERICAN PATTERN GAS STOCKS AND DIES



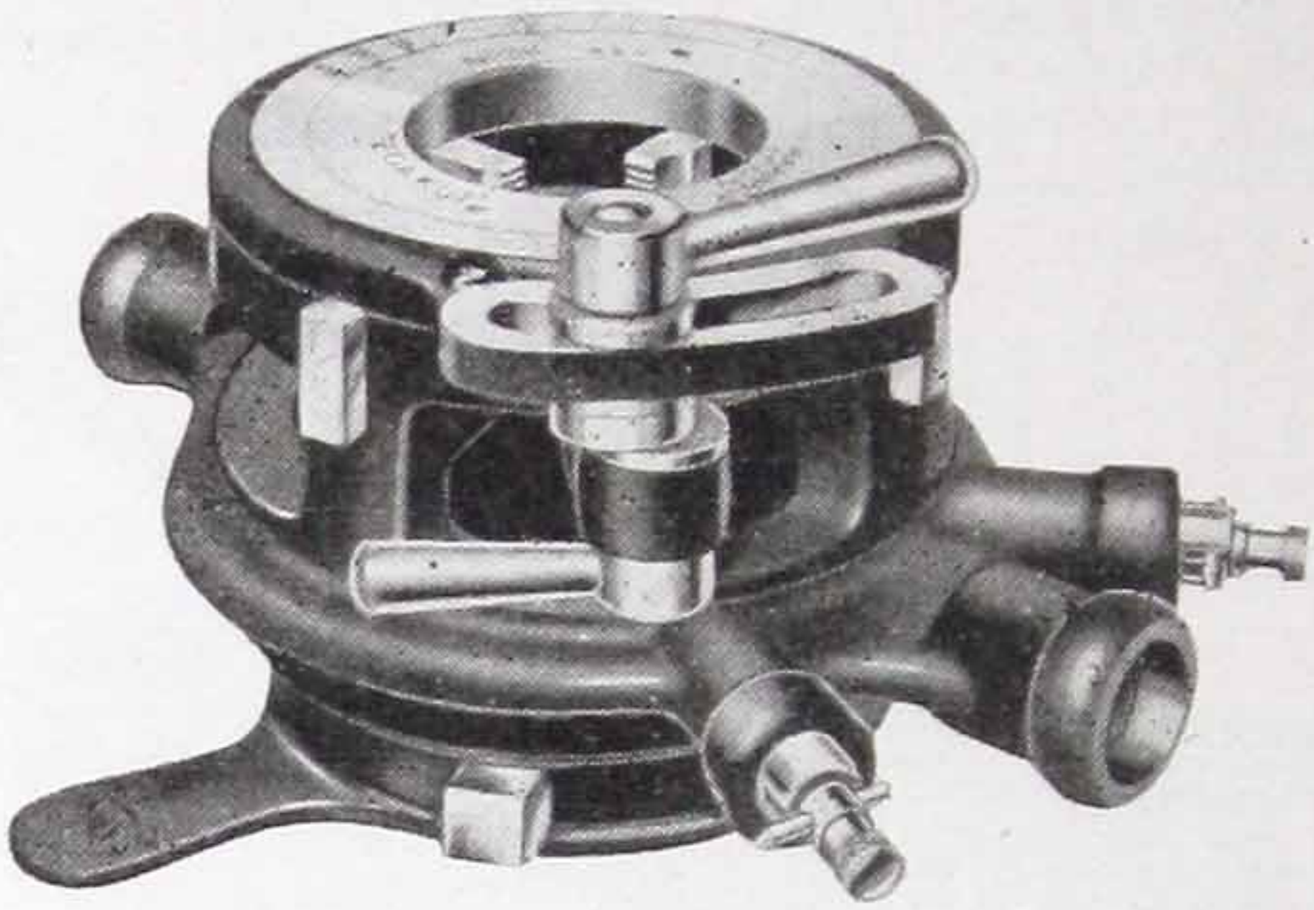
No. M 1274

Light and portable, and possess exceptional strength. The Dies are adjustable to allow for variation in the pipes and can be re-sharpened, thus preserving the life of the tools considerably.

Sizes Cutting $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ in. $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 in. $\frac{1}{2}$, $\frac{3}{4}$, 1 in. $1\frac{1}{4}$, $1\frac{1}{2}$, 2 in.

In plain cardboard carton.

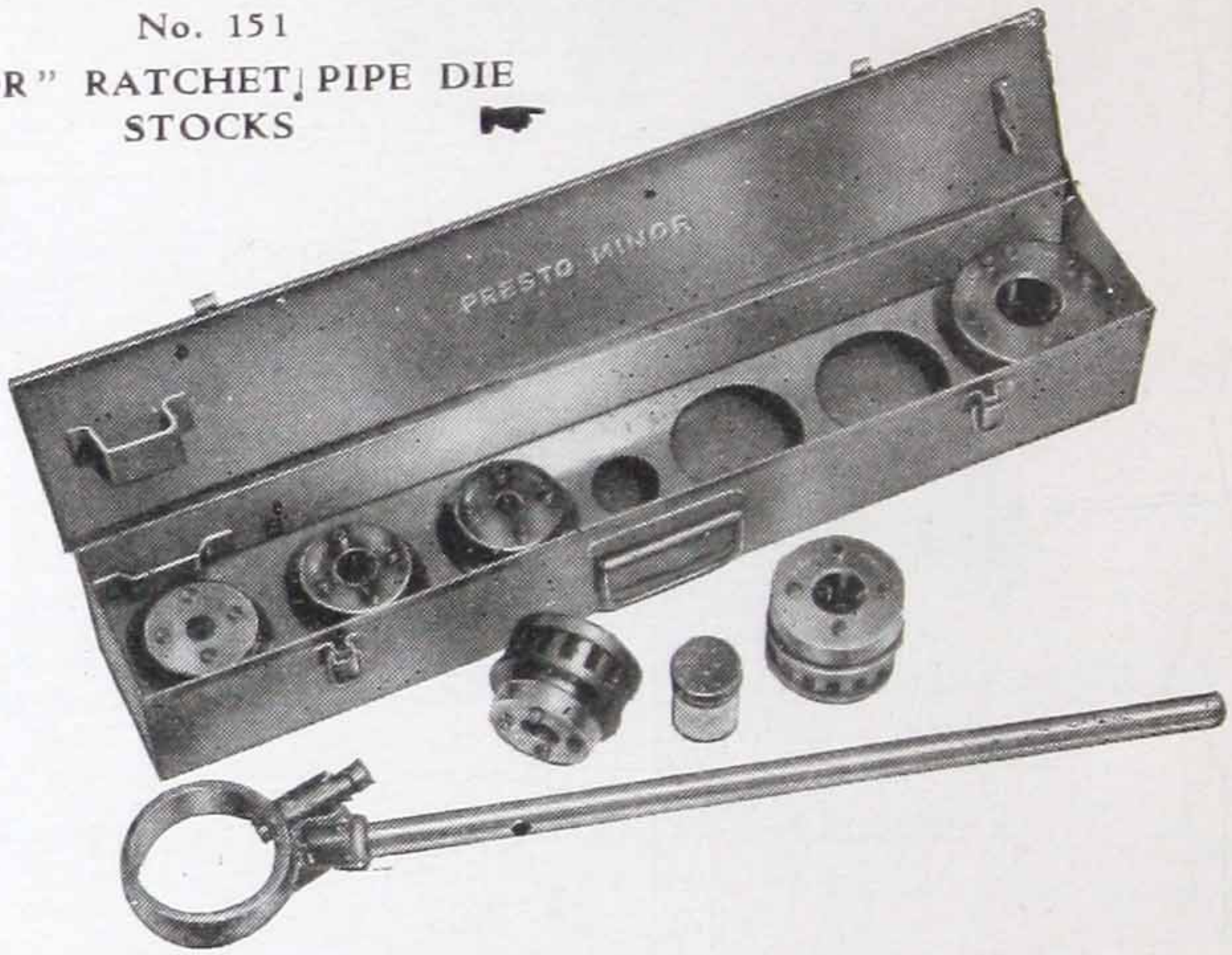
SCREWING TOOLS



M 1271 CHASER DIESTOCKS, British Made RATCHET PATTERN

No.	Screwing Sizes B.S.P.	Set of Dies
1R	¼ in.—1¼ in.	3
3R	½ in.—2 in.	3
4R	1½ in.—3 in.	2
6R	2¼ in.—4 in.	2

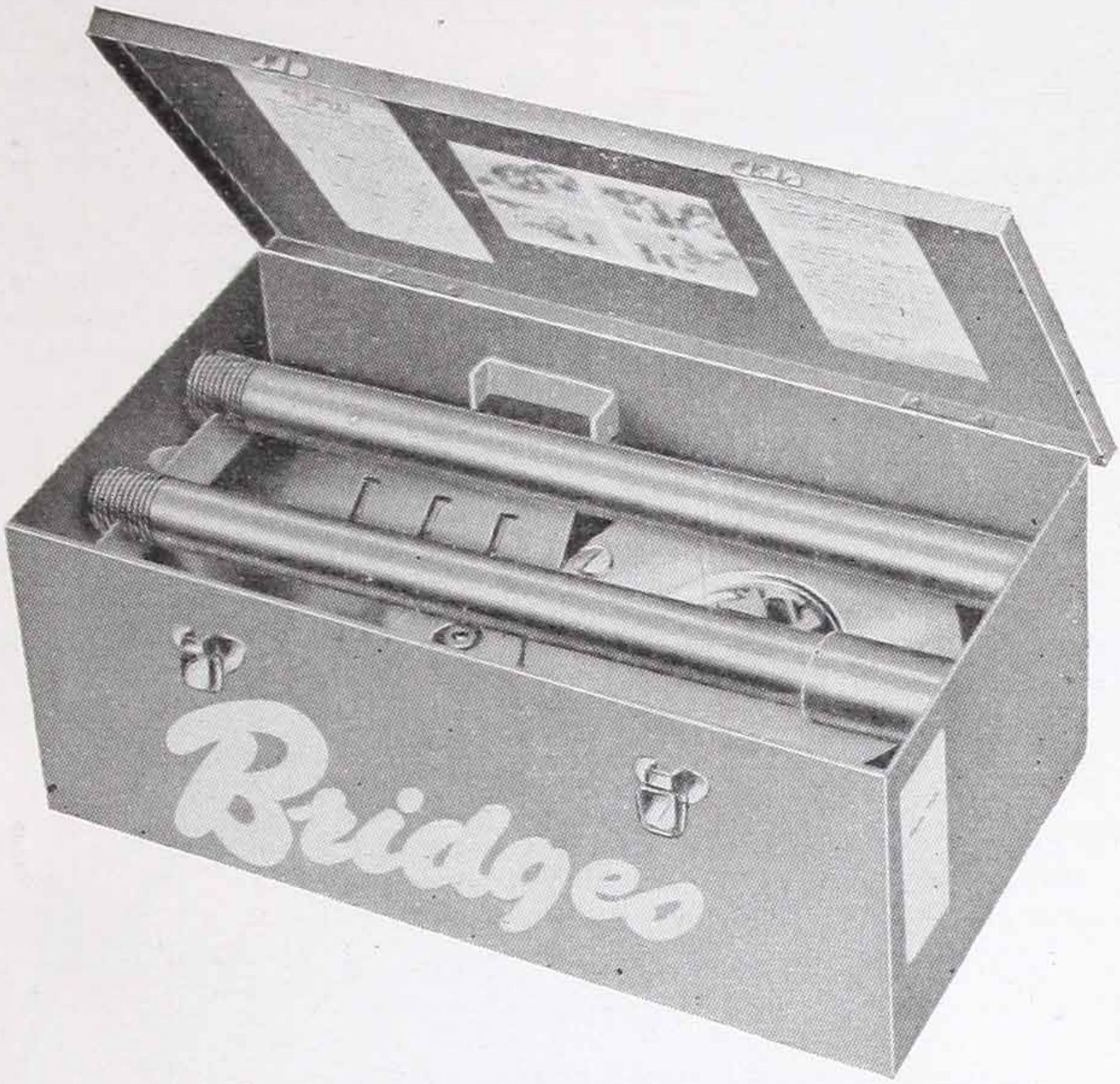
No. 151 "MINOR" RATCHET PIPE DIE STOCKS

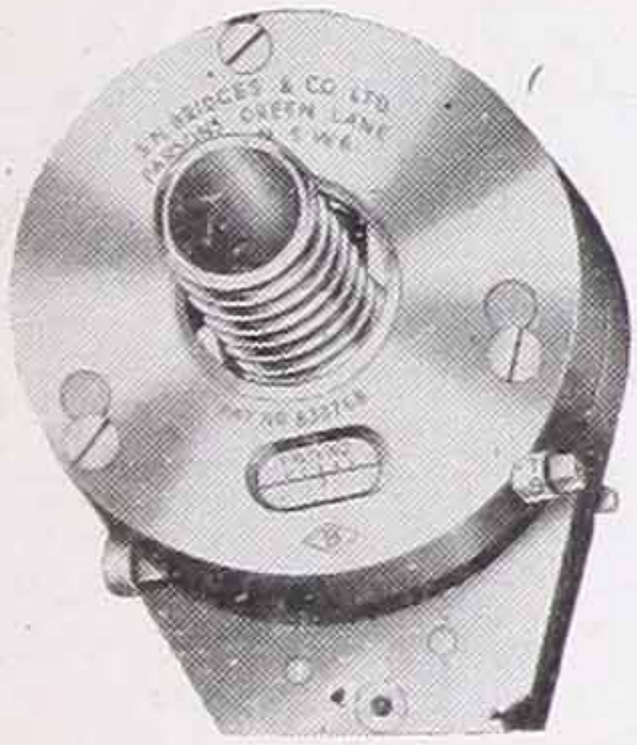


SET No. ...	...	1	2
Cutting Sizes	... in.	⅛ ¼ ⅜ ½ ¾, ¼ ⅜ ½ ¾, ½ ¾ 1	½ ¾ 1 1¼, ¼ ⅜ ½ ¾ 1 1¼,

	Description
No. of Part 1	Ratchet Stock complete, except handle
,, ,, 2	Tubular Handle
,, ,, 3	Diehead Body ⅛, ¼, ⅜, ½, ¾, 1 1¼ in.
,, ,, 4	Diehead Cover ⅛, ¼, ⅜, ½, ¾, 1, 1¼ in.
,, ,, 5	Screws for Diehead Cover (set of 4)
,, ,, 6	Ratchet Pawl
,, ,, 7	Ratchet Pawl Spring

SCREWING TOOLS





ADJUSTABLE PIPE DIE
B.S.P.

10 ($\frac{1}{4}$ $\frac{3}{8}$) ($\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$) (1 in.)

13 ($\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$) (1-1$\frac{1}{4}$-1$\frac{1}{2}$-1$\frac{3}{4}$-2 in.)

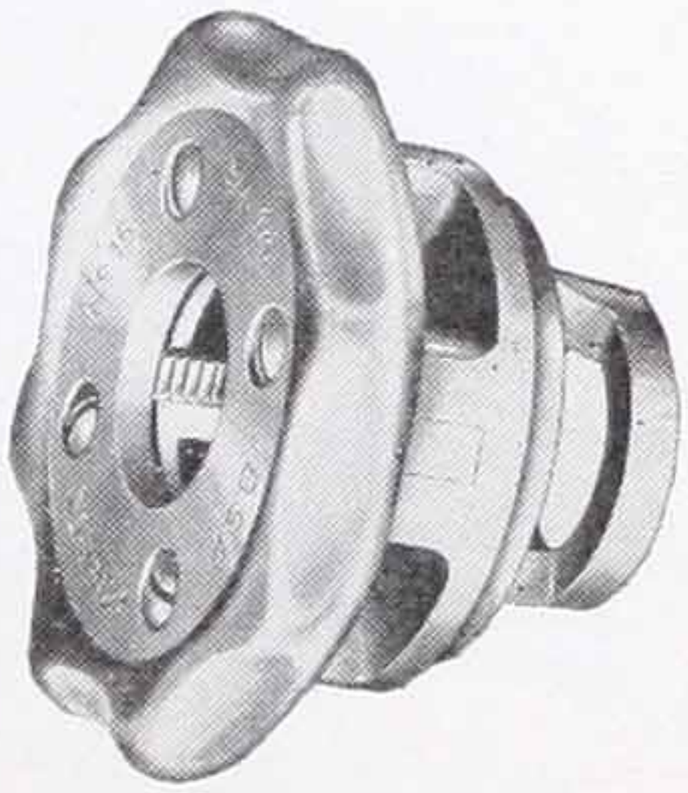
RECEDER PIPE DIE
B.S.P.

16AR (2$\frac{1}{2}$-3-3$\frac{1}{2}$-4 in.)

LIGHT ALLOY DIE-HEADS

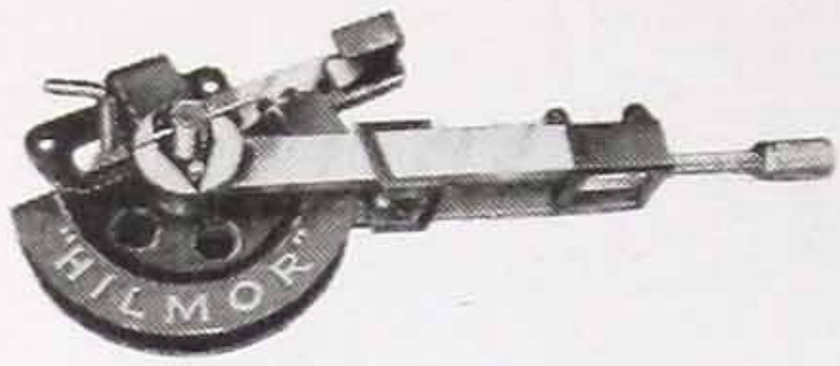
Specially designed and produced for screwing alkathene, marleythene and similar polythene tubes . . .

Available in the following sizes :—
B.S.P. Thread $\frac{1}{2}$ in., $\frac{3}{4}$ in., 1 in.



No. M 1915

UNIVERSAL "MASTER BENDERS"
TYPES K.2 K.3 K.4



Type K.3 illustrated

Precision machines for the plumber and general engineer, etc.

FEATURES

- Fitted with Pointer to determine degree of bend.
- Adaptable for bending tubes on standard or special radii.
- Pressure Indicator to determine correct position of Bending Lever.
- Designed to facilitate bending to accurate measurements.

CAPACITY

Type	Light gauge copper, aluminium, etc.	Light gauge steel, brass, etc.	Steel conduit
K.2	½ in. to 1 in.	½ in. to 1 in. O.D.	⅝ in. and ¾ in. O.D.
K.3	½ in. to 1½ in.	½ in. to 1¼ in. O.D.	⅝ in. to 1 in. O.D.
K.4	½ in. to 2 in.	½ in. to 1½ in. O.D.	⅝ in. to 1¼ in. O.D.

K type benders are precision built machines designed for the accurate bending of light gauge tube. They should not be used to bend heavy gas and steam tube.

PORTABLE BENDING OUTFITS

TYPES
GL.1A — GL.2 and GL.3A

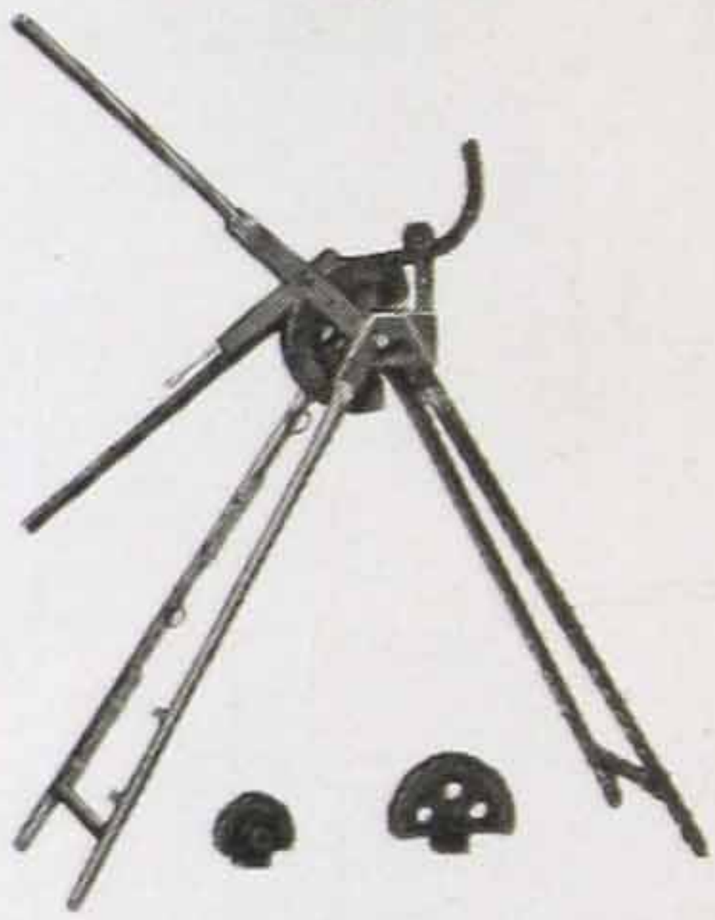
The ORIGINAL portable benders designed for the Plumber and Gas Fitter (copper tube system).

FEATURES

- Completely portable outfits requiring no fixing or bolting down.
- Fitted with vice to hold tube for cutting off, fitting unions, etc.
- Constructed throughout in steel combining strength with lightness.
- Designed to facilitate the bending of long lengths of tube in rooms, corridors and other confined spaces.

CAPACITY

Type	
GL.1A	½ in. and ¾ in. light gauge copper tube
GL.2	½ in. to 1 in. ,, ,, ,, ,,
GL.3A	½ in. to 1½ in. ,, ,, ,, ,,



Type GL.2

THE NEW "THREE POINT" BENDER No. 4

CAPACITY

GAS and STEAM	ELEC. CONDUIT
¼ in. to 1 in. nom. bore	⅝ in. to 1½ in. O.D.
(BSS 1387 class A, B and C)	(screwing size)

FEATURES

- The Adjustable Bending Head ensures that the correct degree of bending pressure is applied to all sizes and permits the production of a greater range of better quality bends than is obtainable on the conventional fixed head bender.
- The absence of top plate obstruction permits the production of compound bends in any plane with reduced straight between adjacent bends.
- The 90° bends can be made without distortion of screwed end in developed lengths of tube approximately 25 per cent. shorter than are required with fixed head benders.

No. M 1419

"BEANCO" LADDER BRACKET

(Pat. No. 671681)

FORGED STEEL BRACKETS

18 in. wide plank platform. 7 in. Toe Board. Adjustable Brackets for hand rail for Over and Under Ladder use. Recommended for Builders, Joiners, Plumbers, and other Tradesmen.

SCAFFOLD LASHINGS

No. M 1686A. MANILLA ROPE, Best ⅝ in. diam. × 18 ft.
No. M 1686B. WIRE, Best Steel, ¼ in. × 12 ft. 15 ft. 18 ft.

We shall be pleased to quote for—

ROPES, BLOCKS, THIMBLES SHACKLES, CLIPS, and all LIFTING APPLIANCES.

Manilla, Cotton, and Wire Ropes, Rope Clips, Thimbles, etc.

BEANCO IRON CEMENT

A cement in powder form—with a little water added to make up into a paste it is then applied for repairing leaks or breaks in castings or making good connections in steam or hydraulic work. The cement dries hard and withstands fire, water and steam, and is subject to the same conditions of expansion and contraction as cast-iron and offers an effective resistance to high pressures. 2 lb. and 14 lb. tins.

STEEL SHELVING

Steel Shelving is designed and produced essentially for the domestic market for use in the garage, workshop, storeroom, etc., and for light storage.
Steel Shelving is available in many sizes. Dimensions of a single bay are from 71 in. high, 36 in. wide, 12 in. deep, with 6 shelves. Further bays may be added if needed.
A Maximum Load of 150 lbs. per shelf if evenly distributed.

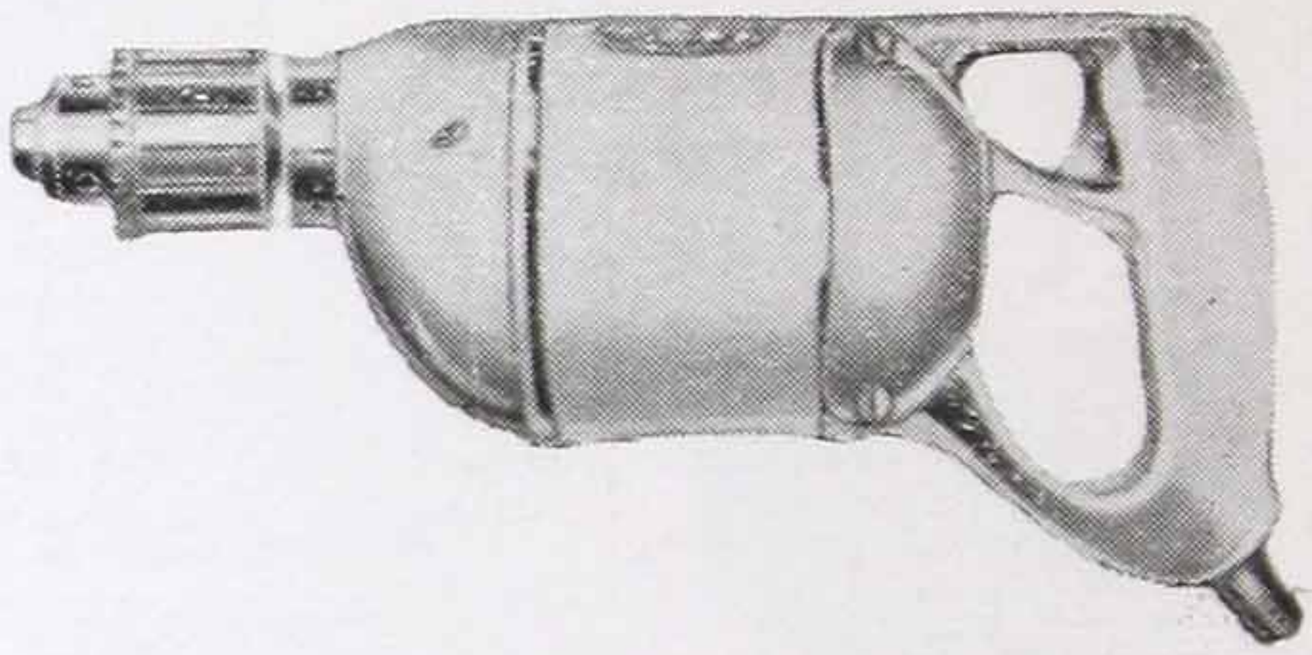
Particulars and Prices Quoted on Request.

¼ in. HEAVY DUTY HOLGUN DRILL

The HOLGUN is a ¼ in. drill of remarkable adaptability and design. Its compact size and handy shape enables the operator to approach many of those difficult drilling spots with ease and convenience. Designed with abundant power for continuous use and to give long and trouble-free service. Particularly suitable for aircraft production and the lighter industries. The reduced spindle speed and increased torque of the Low Speed Model makes it the perfect ¼ in. Drill for production work in monel metal and other modern hard alloys.

	Standard Holgun	Low Speed Model
Drilling capacity in Steel	¼ in.	¼ in.
,, ,, ,, Hardwood	½ in.	½ in.
Standard Spindle Speed (No-load) R.P.M.	1,700	600
Weight	3¼ lbs.	3½ lbs.
Overall Length (in direction of spindle)	7¼ in.	7⅝ in.
Spindle Offset	¾ in.	¾ in.
Input Watts	300	300

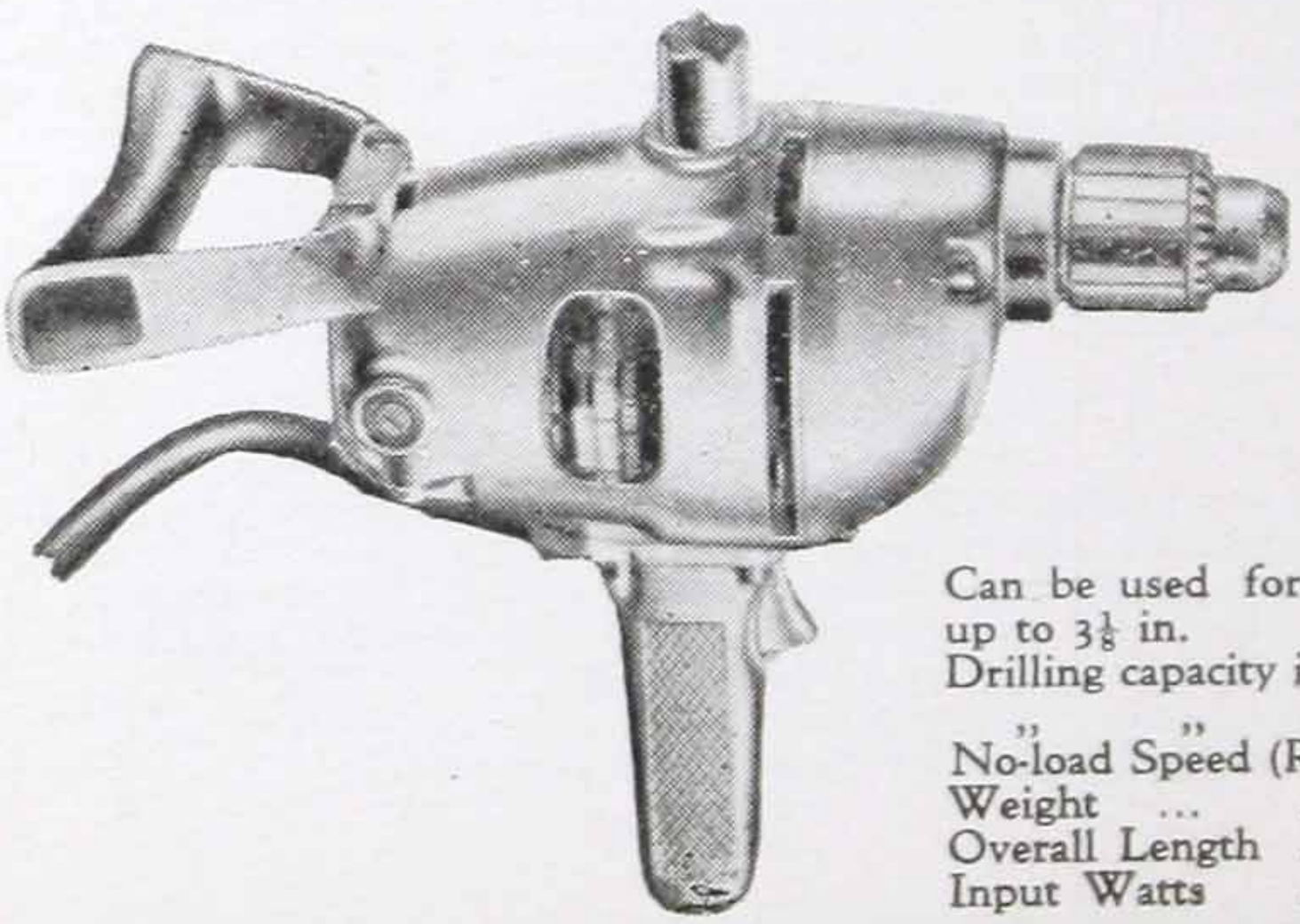
5/16 in. HEAVY-DUTY AND ⅜ in. STANDARD DRILLS



Designed for general purpose drilling of all kinds; ruggedly constructed with ample power. Splined gear mounting, with spindle locked in housing and needle roller bearings on chuck spindle. Short, compact and well balanced, with comparatively low speed and high torque.

	5/16 in. Heavy-duty Drill	⅜ in. Standard Drill
Drilling capacity in Steel	5/16 in.	⅜ in.
,, ,, ,, Hardwood	⅝ in.	¾ in.
No-load Speed (R.P.M.)	1,400	900
Weight	7 lbs.	7¼ lbs.
Overall Length	12⅜ in.	12½ in.
Input Watts	330	330

½ in. STANDARD DRILL

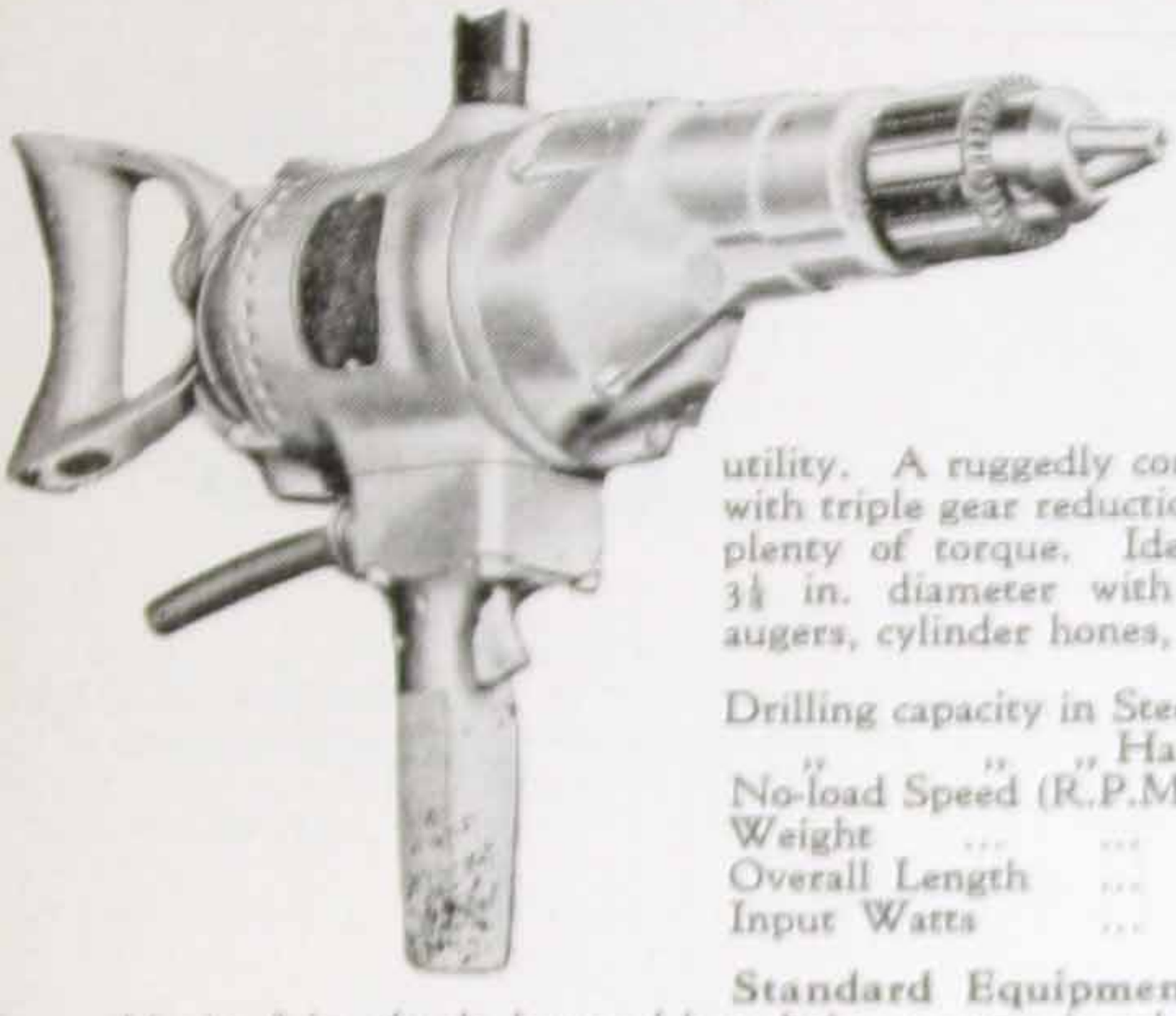


A short compact and ruggedly constructed ½ in. drill with plenty of power, comparatively low speed, high torque, minimum spindle offset, perfect operating balance, fitted with horizontal spade handle for ease of handling.

Can be used for cutting with hole saws up to 3⅛ in.

Drilling capacity in Steel ...	½ in.
,, ,, ,, Hardwood ...	1 in.
No-load Speed (R.P.M.) ...	400
Weight	10¾ lbs.
Overall Length	13¾ in.
Input Watts	375

½ in. STANDARD ELECTRIC DRILL



A popular-priced large capacity drill, giving real heavy-duty performance for the great quantity of works, maintenance shops, service and repair departments, garages, etc., requiring a combination of "production unit" power and "service tool" utility. A ruggedly constructed and powerful tool, with triple gear reduction for low spindle speed and plenty of torque. Ideal for cutting holes up to 3½ in. diameter with hole saws, driving wood augers, cylinder hones, etc.

Drilling capacity in Steel	5/16 in. to ½ in.
" " " Hardwood	1½ in.
No-load Speed (R.P.M.)	250
Weight	19½ lbs.
Overall Length	18¾ in.
Input Watts	650

Standard Equipment.—3-core cable (third wire for earthing); ½ in. chuck, key and key chain; automatic release switch with locking pin in side handle; spade handle; detachable pipe handle.
Extra Equipment.—No. 19930 Feed Screw.
Optional Equipment.—No. 2 or No. 3 Morse Taper Socket in place of chuck.

HOLESAW KITS

There are also available specially cartoned Kits of Holesaws and Mandrels in the most-often-used sizes to meet the needs of every modern electrician and plumber. Contents of these Kits are as follows :—

D7811 ELECTRICIAN'S KIT

No.	16882	¾ in. Fine Tooth Hole Saw
"	16884	1 in. " " " "
"	16886	1½ in. " " " "
"	16888	1½ in. " " " "
"	14903	Mandrel
"	14904	Mandrel

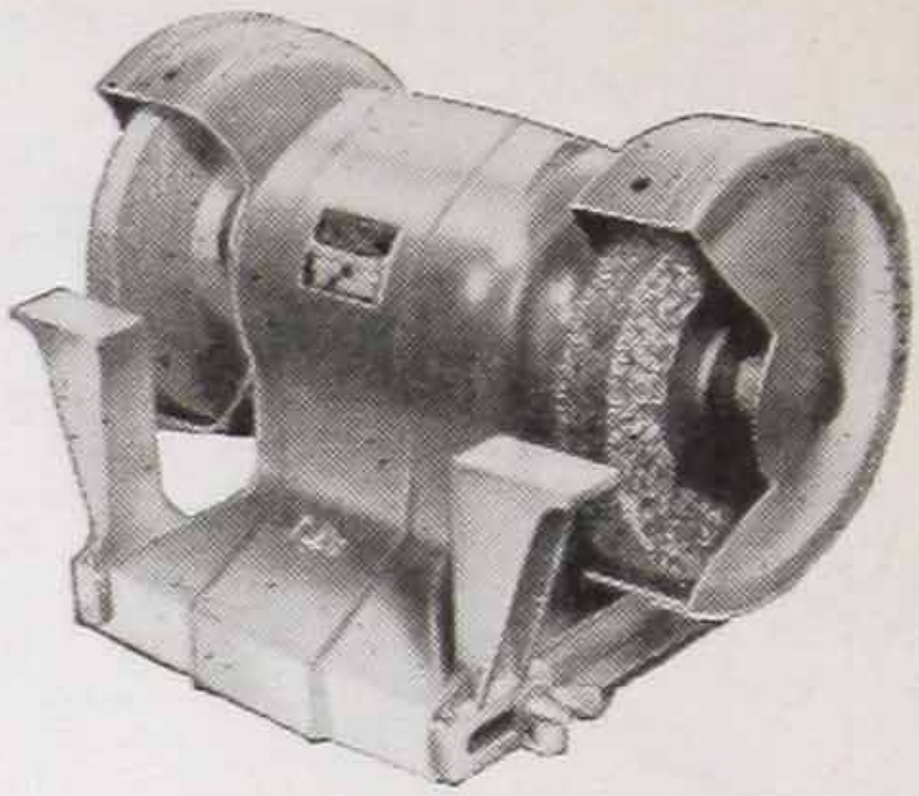
D7815 PLUMBER'S KIT

No.	16883	¾ in. Fine Tooth Hole Saw
"	21875	1 1/16 in. " " " "
"	16886	1½ in. " " " "
"	21383	1 5/16 in. " " " "
"	21384	1 9/16 in. " " " "
"	14903	Mandrel
"	14904	Mandrel

HORIZONTAL DRILL STANDS

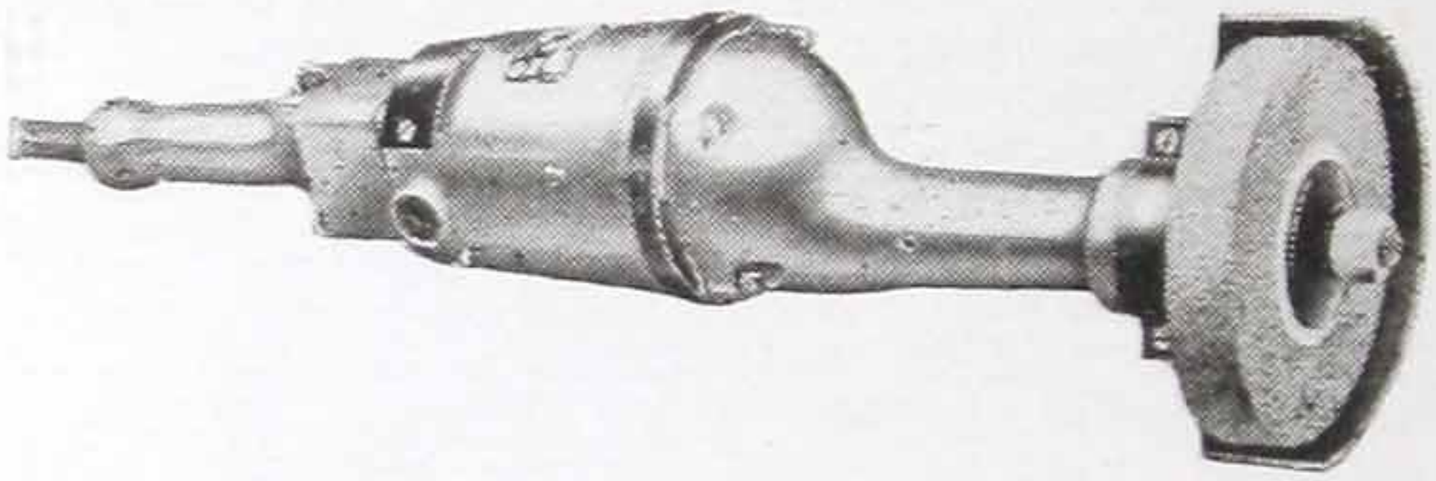
With these Stands, drills can be used for stationary drilling, reaming, light buffing, grinding and wire brushing.
No. 23046 Drill Stand for current model ¼ in. Heavy Duty, ¼ in. Junior, 5/16 in. H.D. and ⅜ in. Standard Drills. Weight : 3¾ lbs.

6 in. STANDARD BENCH GRINDER



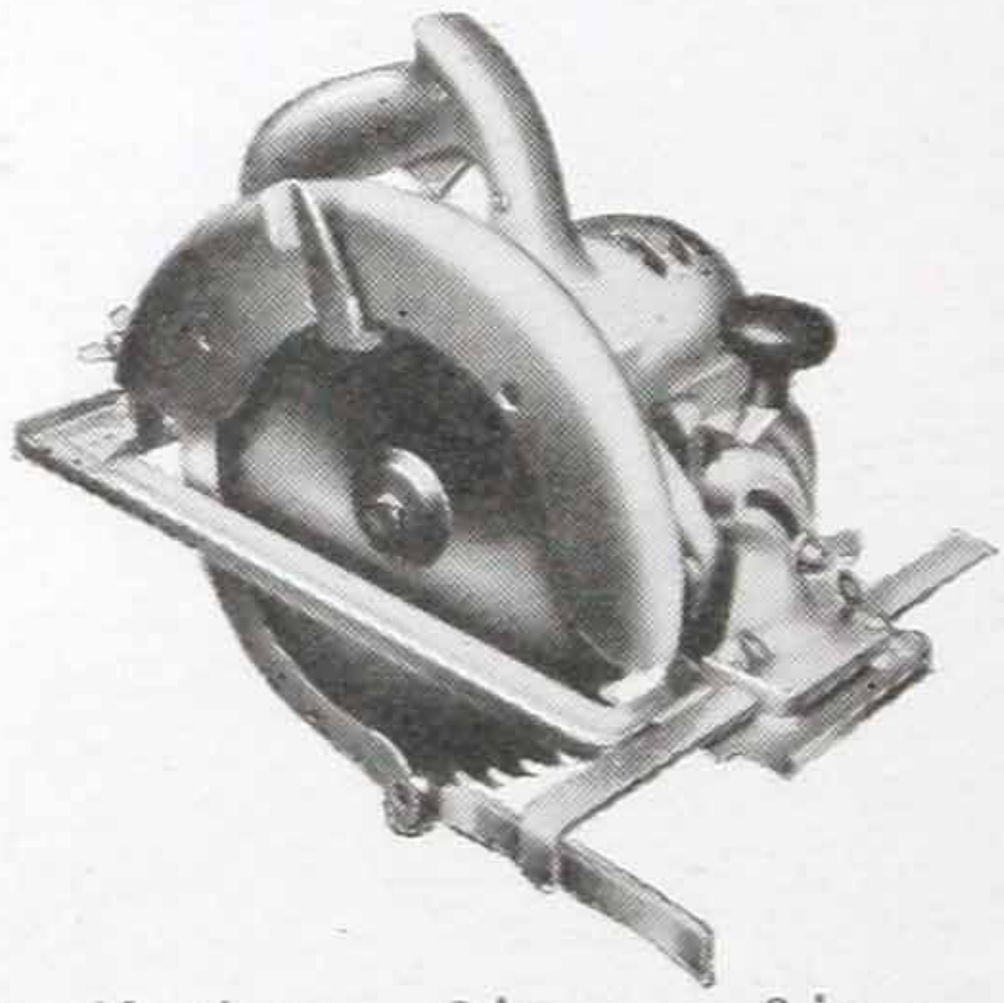
This compact handy little tool is fitted with removable wheel guards that, while protecting the operator, are wide enough to permit the use of wire wheel brushes. The Standard Bench Grinder has a carefully balanced rotor and spindle mounted on full-sized ball bearings with special protective sleeves for keeping out abrasive dust and dirt. Ideal for tool sharpening, general grinding, wire brushing, buffing, etc. Can be supplied with either single-phase or three-phase motor.

Wheel size	6 in. diam. × ⅝ in. face × ½ in. hole
Motor (not available for D.C.) ...	115, 125, 220, 240 volts, 50-60 cycles, single-phase A.C. 220 or 440 volts, 50-60 cycles, three-phase A.C.
Motor Rating	¼ h.p.
No-load Speed (R.P.M.)	50 cycles—3,000
Weight	25 lbs.
Overall Spindle Length	11¾ in.
Overall Height	9⅜ in.
Input Watts	280



5 in. PORTABLE GRINDER

Wheel Size	5 in. × ¾ in. × ½ in.
No-load Speed (R.P.M.)	4,500 and 6,200
Weight	13 lbs.
Overall Length	22½ in.
Input Watts	720



8 in. AND 9 in. HEAVY-DUTY ELECTRIC SAWS

Black & Decker Electric Saws are the final word in Portable Circular Saws. Ten times faster than a well-sharpened hand saw in wood, they can be adapted by changing the blade to cut brick, tile, cement, asbestos, cast-iron guttering, fall pipes, earthenware drains, stone, plastics, and a wide variety of composition materials. Black & Decker Saws are adjustable for any depth of cut up to given maximum and for angle cuts from 0° - 45°.

The 8 in. and 9 in. models are high-speed "one-hand" saws having helical gears which are grease lubricated. This eliminates oil-spill and enables the saw to be inverted and used as a saw-bench.

Specifications	8 in. Saw	9 in. Saw
Blade Diameter ...	8¼ in.	9¼ in.
Maximum Depth of Vertical cut	2 13/16 in.	3¼ in.
Maximum Depth of 45° cut ...	2 1/16 in.	2⅝ in.

Specifications	8-in. Saw	9 in. Saw
Speed (R.P.M.)...	4,500	3,700
Overall length ...	14⅛ in.	14½ in.
Overall height ...	11 in.	11⅝ in.
Overall width ...	9⅜ in.	9½ in.
Weight	14¼ lbs.	15¾ lbs.
Input Watts ...	1065	1065

6 in. HEAVY-DUTY ELECTRIC SAW

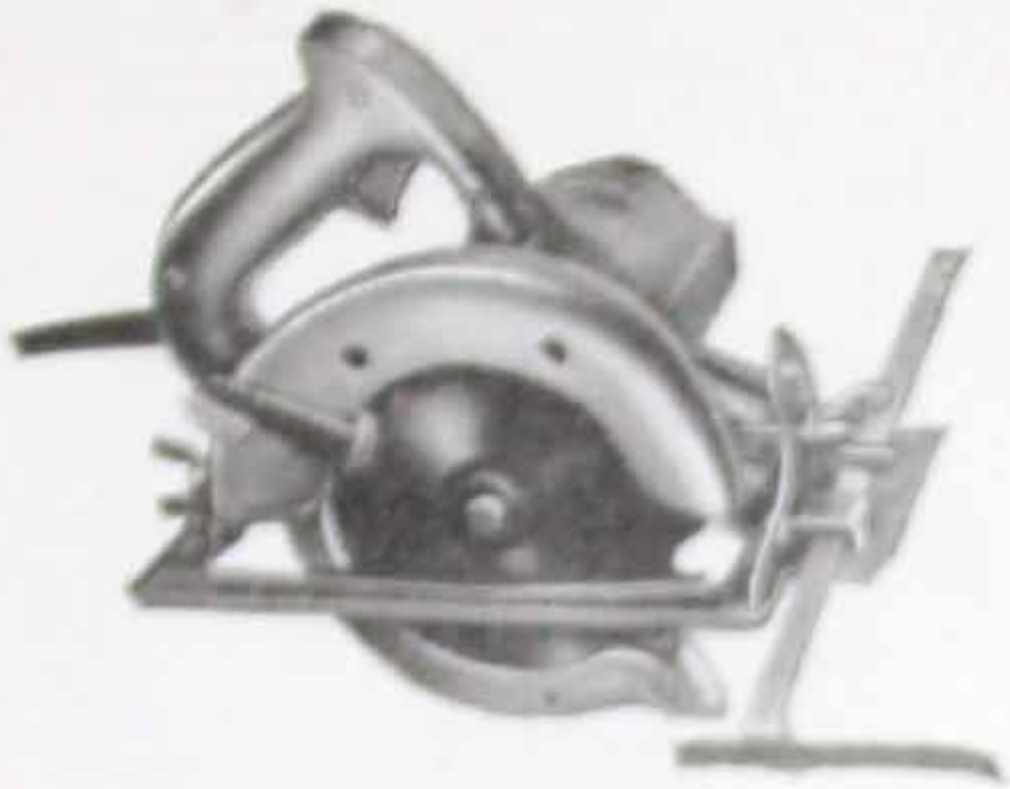
This light-weight saw has been designed for a variety of purposes in addition to carpentry, it has power, stamina and durability seldom found in a tool of this low price.
As in the larger saws the telescoping lower blade guard closes automatically as the saw is lifted off the work, providing complete safety to the operator.

Specifications

Blade diameter 6½ in. Depth of cut 2 5/16 in. Net weight 9½ lbs. No-load speed 5,500 r.p.m.
Height 9½ in. Width 8¾ in. Length 9¾ in.

Standard Equipment

10 ft. 3-core cable. 2-pole instant release trigger switch. Combination Blade for rip and cross-cutting.



THE 7 in. H.D. SANDER-GRINDER

This newly designed Sander-Grinder is lighter, 90 per cent. more powerful than previous models and has the abundant power necessary for continuous heavy duty production work. You choose one of three spindle speeds to do the kind of work you want. The 7 in. H.D. Sander-Grinder can be adapted for use with 7 in. and 9 in. sanding discs, saucer grinding wheels, wire cup brushes or planer heads. The higher speed models are specially designed for use with the 7 in. or 9 in. depressed centre "cut-off" wheel which obsoletes the grinding wheel for many types of grinding jobs. Designed for trouble-free service, the switch and bearings are sealed against dirt and dust.

Spindle	⅝ in. diam. 11 thread
Overall Length (no pad)	18 5/16 in.
Net Weight	14 lbs.
Shipping Weight	17½ lbs.
Spindle speeds	4,200, 5,200 and 6,000 r.p.m.
Rated input Watts	1,060

Standard Equipment includes three-core cable (third wire for earthing), 3 Medium Sanding Discs. No. 33489 5 in. moulded rubber pad. No. 31000 6½ in. Koolflex backing pad. Clamp washer. Reversible side handle. No. 22411 Stand. Spanner wrench.

With Wire Cup Brush
4,200 and 5,200 R.P.M.*

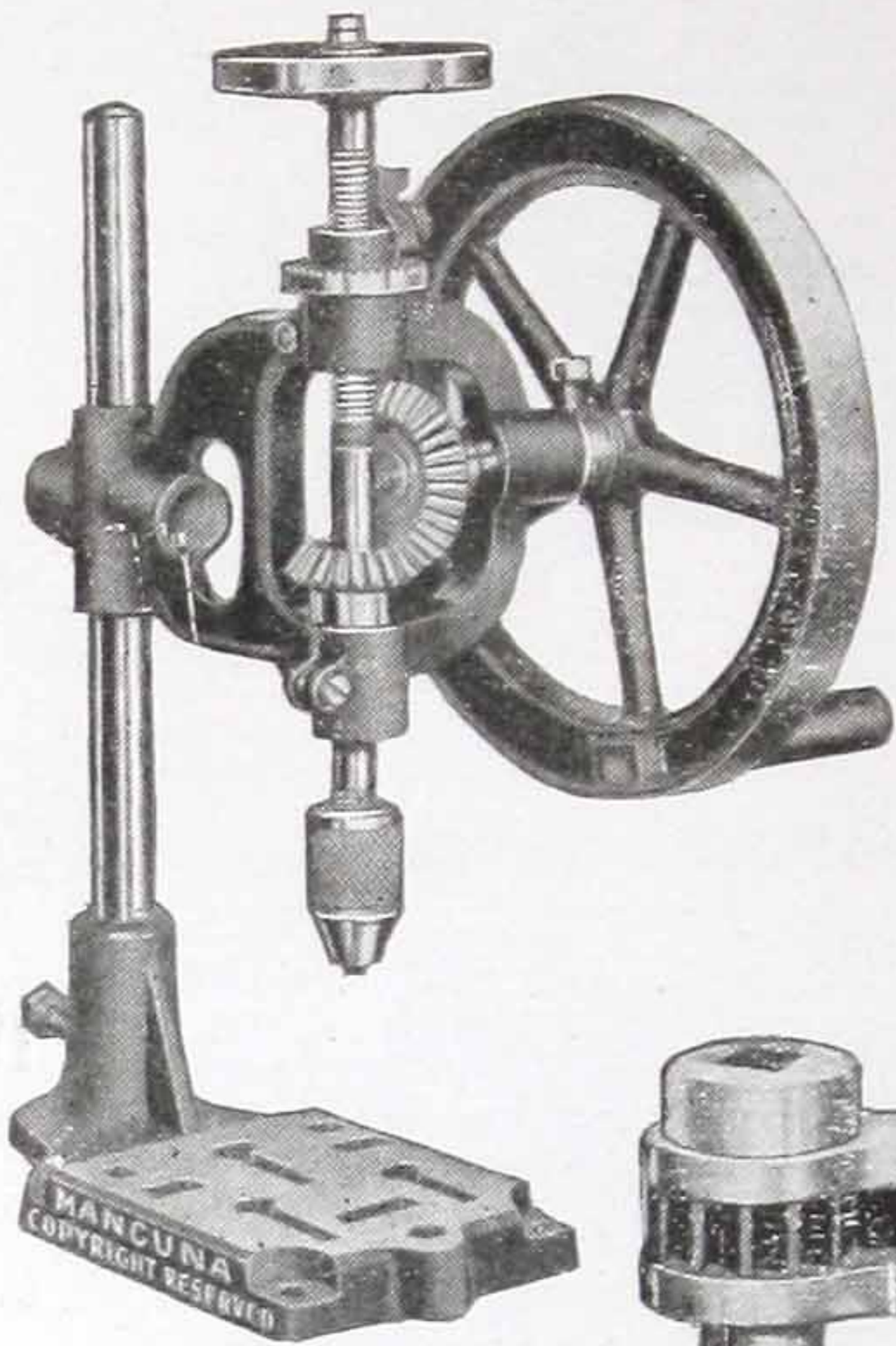
With Depressed Centre Disc
5,200 and 6,000 R.P.M.*

With Saucer Grinding Wheel
4,200 and 5,200 R.P.M.*

With Rotary Planer Head
4,200 R.P.M.*

* *Recommended Speeds*

TOOLS

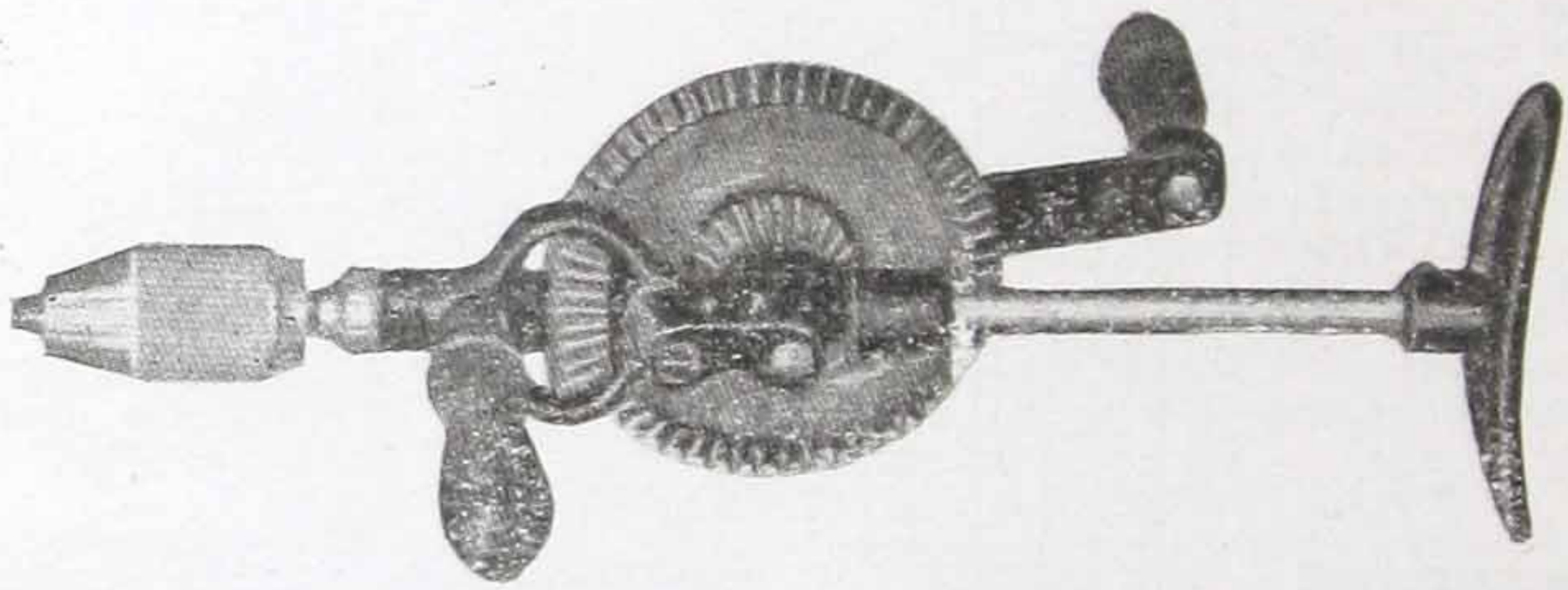


No. M 1530
BENCH AND WALL
HANDPOWER
DRILLING MACHINE

With automatic feed ; steel gears and adjustable chuck, taking round shank drills 0–½ in.

No. M 1531
RATCHET BRACE

Lengths : 12, 14, 16, 18 in.



No. M 1511A. BREAST DRILL

Three-jaw all-steel Chuck with hardened jaws and protected springs. Nickel-plated Finish. Two speed.

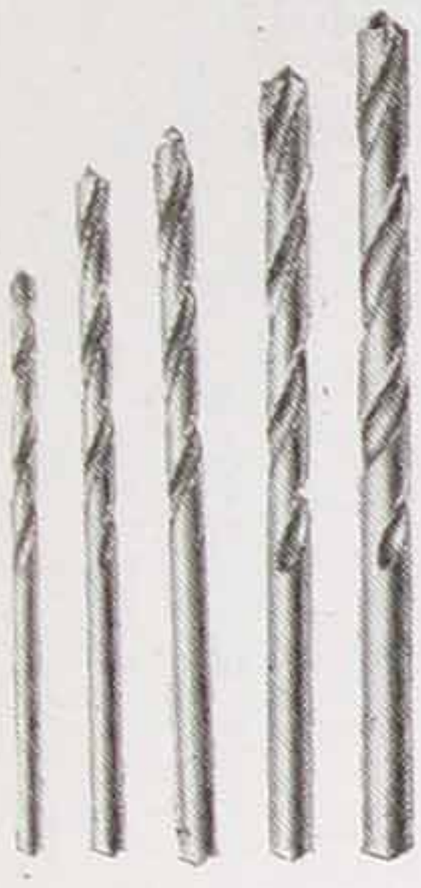
Cast-iron body. Steel shank. Ball-thrust bearing. Adjustable breast plate. Crank handle extensible from 4 in. to 6 in. radius.

Capacity 0–½ in. round shanks. Length 17 in. Weight 5⅜ lbs.

Stanley No. 905.

ENGINEERS' TWIST DRILLS

All Sizes and Types Stocked.



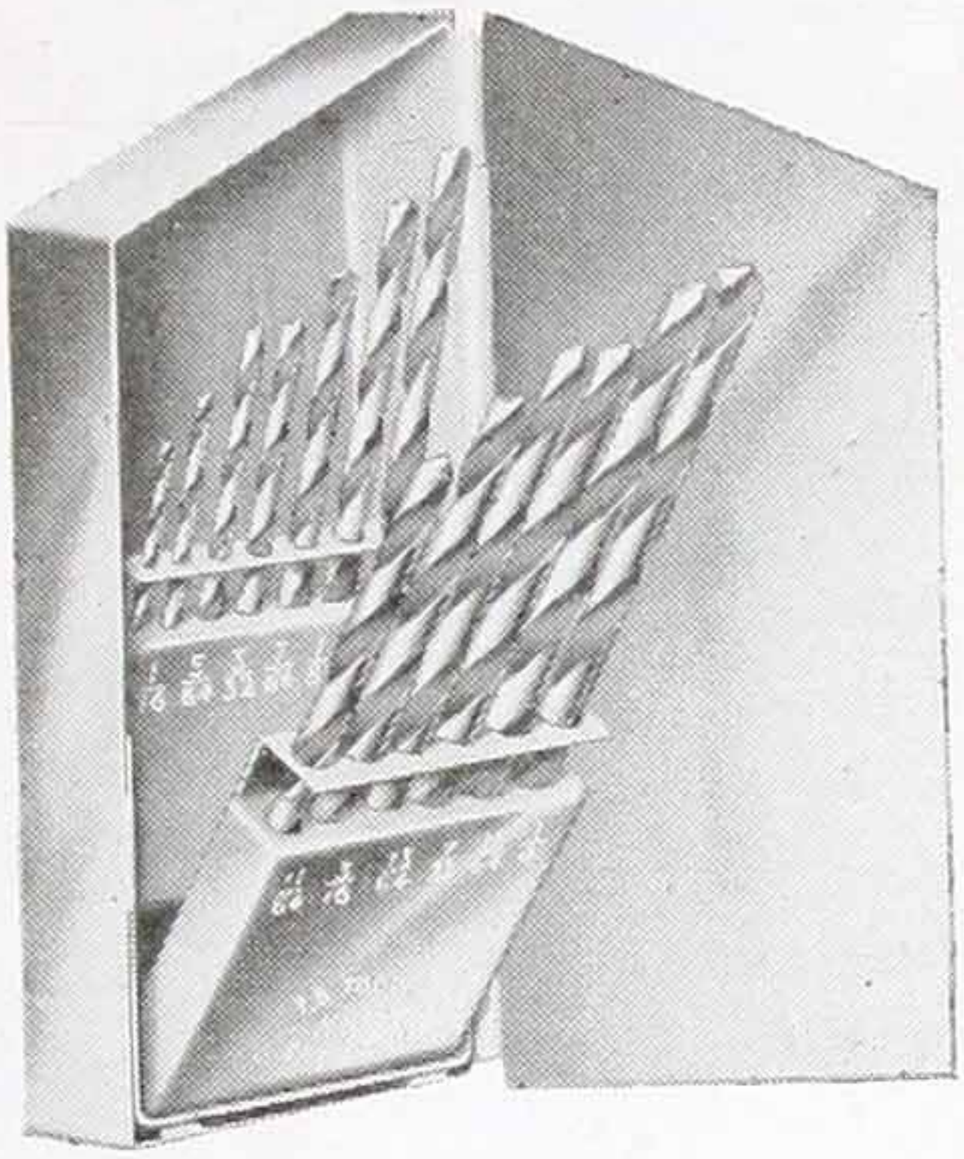
No. M 1917

$\frac{1}{64}$ in. — $\frac{1}{2}$ in.

No. 2 Set ... $\frac{1}{16}$, $\frac{3}{32}$, $\frac{1}{8}$, $\frac{5}{32}$, $\frac{3}{16}$, $\frac{7}{32}$, $\frac{1}{4}$ in.

No. 4 Set ... $\frac{1}{16}$, $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ in.

No. 5 Set ... $\frac{1}{16}$, $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$ in.



No. M 1918

CASED SETS

$\frac{1}{16}$ in. — $\frac{1}{4}$ × $\frac{1}{64}$ in.

or

$\frac{9}{32}$ in. — $\frac{1}{2}$ in. × $\frac{1}{32}$ in.

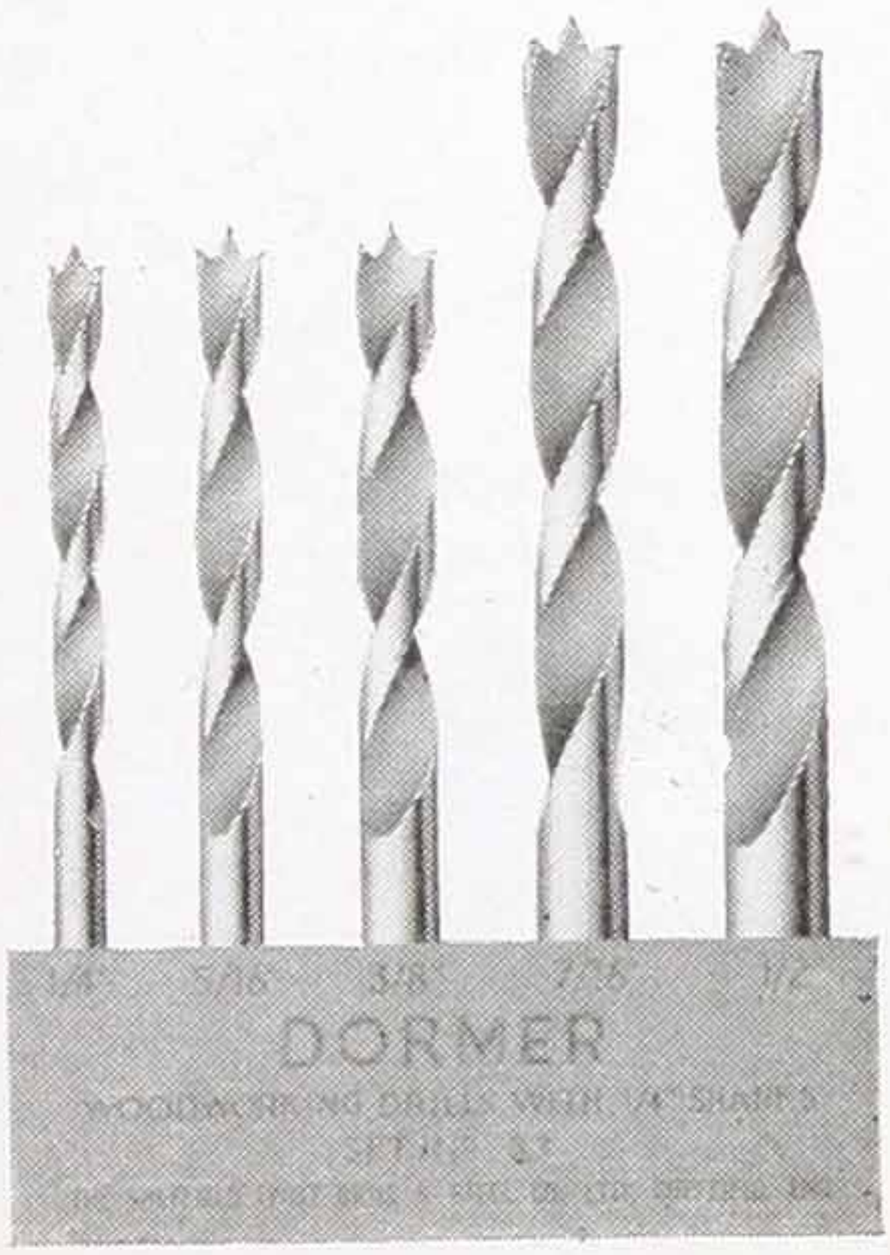
No. M 1292

ENGINEERS' RATCHET DRILLS

Shank : $\frac{3}{4}$ in. × $\frac{1}{2}$ in. × $1\frac{3}{4}$ in. long.

Stock Sizes :

$\frac{1}{8}$ in. up to $1\frac{1}{2}$ in.



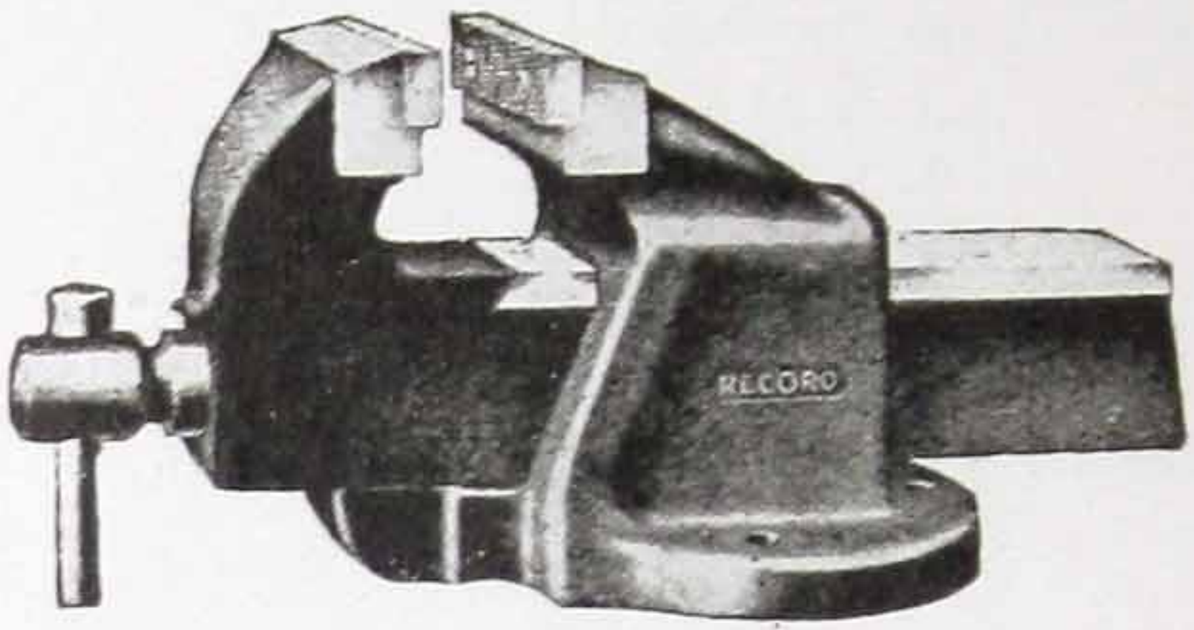
No. M 1919

WOODWORKING DRILLS

With $\frac{1}{4}$ in. Shanks.

$\frac{1}{4}$ in., $\frac{5}{16}$ in., $\frac{3}{8}$ in., $\frac{7}{16}$ in., $\frac{1}{2}$ in.

TOOLS



No. M 186

MECHANICS' VICE

Stationary Base

Plain Screw Type.

Specification Approximate

Size No.	0	1	2	3	4	5	6	7
Width of Jaws	2½	3	3½	4	4½	5	6	7 in.
Maximum Opening ...	2⅝	3¼	4	4¾	5½	6½	8	9 ,,
Depth of Jaws	1⅝	1⅞	2⅜	2¾	3	3¼	3½	4 ,,

Quick-grip Pattern also supplied.

No. M 1629.

WOODWORKERS' VICE

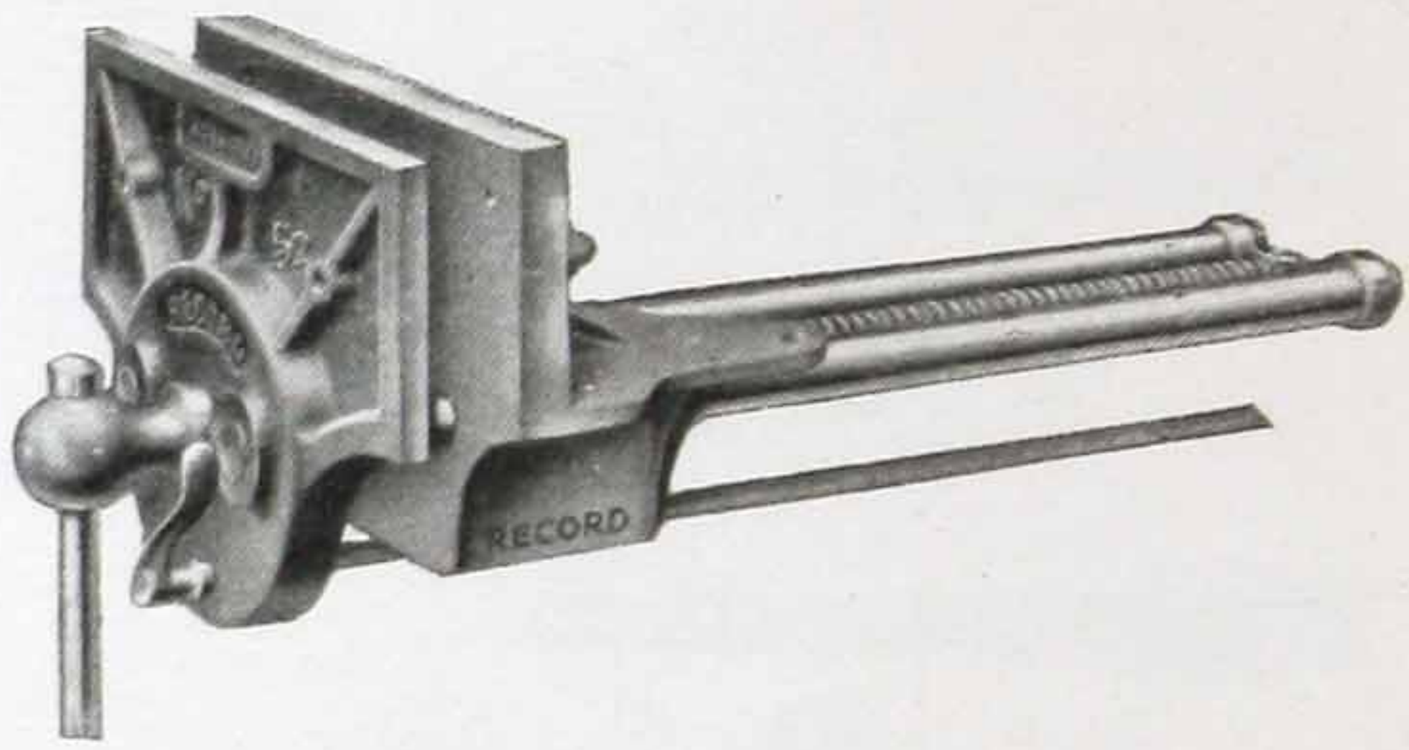
With Steel Slides

Perfect Sliding Movement

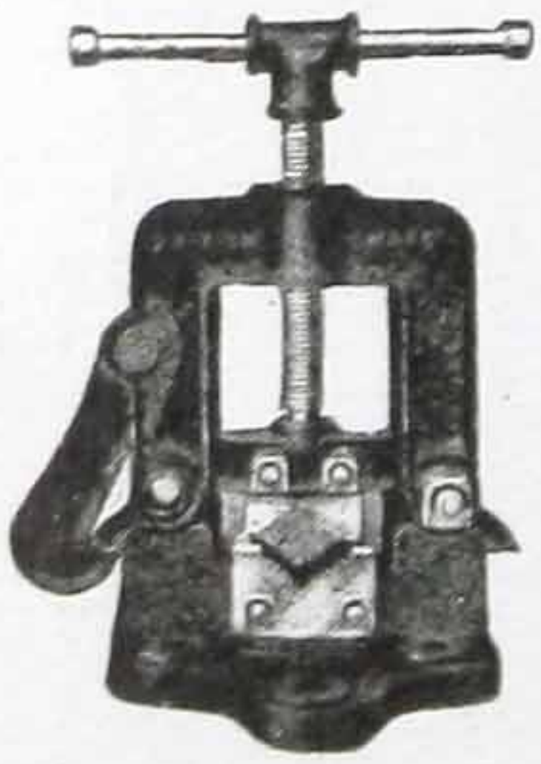
Firm Grip.

No Side Slipping.

Great Strength.



Width Jaws Inches	Max. Opening Inches	Approx. Weight lbs.
7	8	16
9	12	30
10½	12¾	32



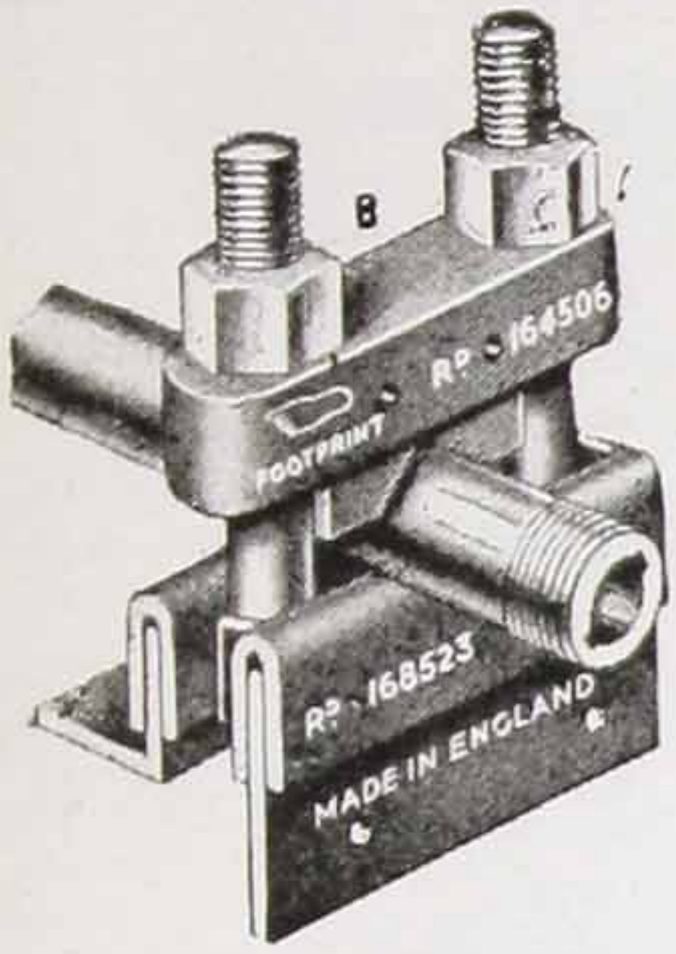
No. M 1295

SELF-LOCKING HINGED PIPE VICE

Best Malleable Iron, fitted with Steel Screw. Jaws machined from Tool Steel and carefully hardened and tested. Frame is reversible and Vice can be operated either Right or Left-Hand. All parts are interchangeable.

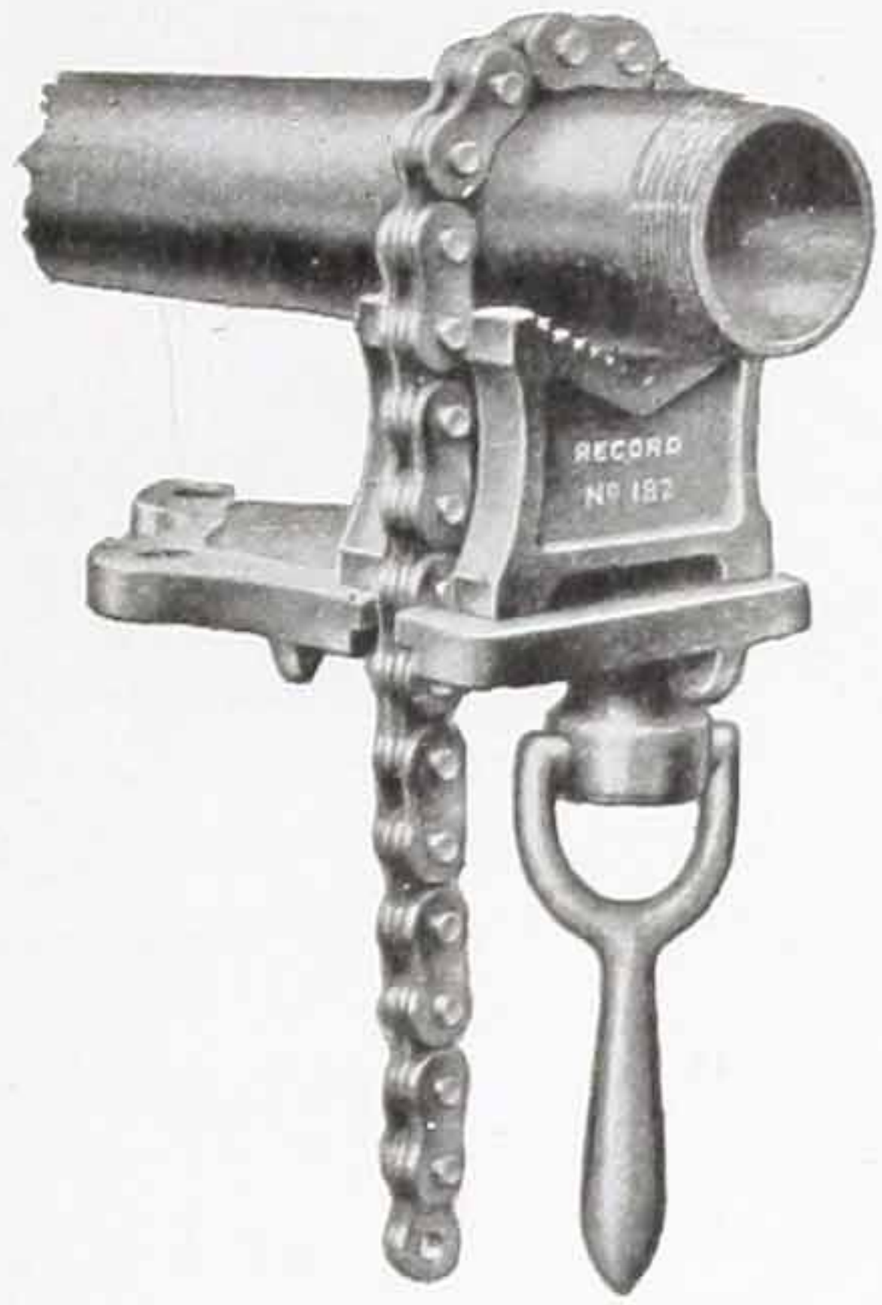
Size	Will Grip Pipes	Approx. Weight
AA	⅛ to 1½ in.	5 lbs.
AB	⅛ to 2 in.	7½ lbs.
A	⅛ to 2½ in.	10 lbs.
B	⅛ to 3½ in.	16 lbs.
C	⅛ to 4½ in.	25 lbs.

TOOLS



FOOTPRINT TUBE VICE

No. M 526 To hold Pipes $\frac{1}{8}$ to $\frac{3}{4}$ in.
No. M 384 ,, ,, ,, $\frac{1}{8}$ to $1\frac{1}{2}$ in.
No. M 385 ,, ,, ,, $\frac{1}{2}$ to 3 in.



No. M 1296
DROP-FORGED CHAIN VICE

Size

A To hold pipes $\frac{1}{8}$ to 2 in.
B ,, ,, ,, $\frac{1}{4}$ to 4 in.
C ,, ,, ,, $\frac{1}{2}$ to 6 in.
D ,, ,, ,, $\frac{1}{2}$ to 8 in.

No. M 386
PORTABLE AND COLLAPSIBLE VICE STAND

A new and improved Stand of great strength.

The unique feature of this Stand is the metal floor which gives it exceptional stability and affords a firm foothold.

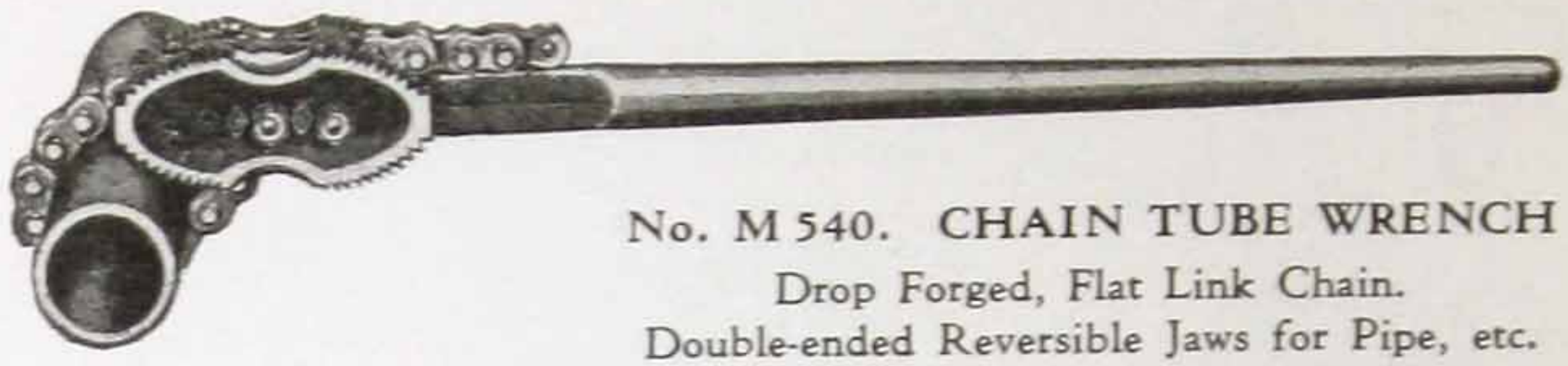
The extending leg enables it, when collapsed, to stand erect.

Stove enamelled blue.

Weight 50 lbs.
Overall height 46 in.
,, width 30 in.
Height of Stand only 36 in.

Can be fitted with Hinged Vice similar to M1295, shown on page 394, for Tubes $\frac{1}{8}$ to 2 in.

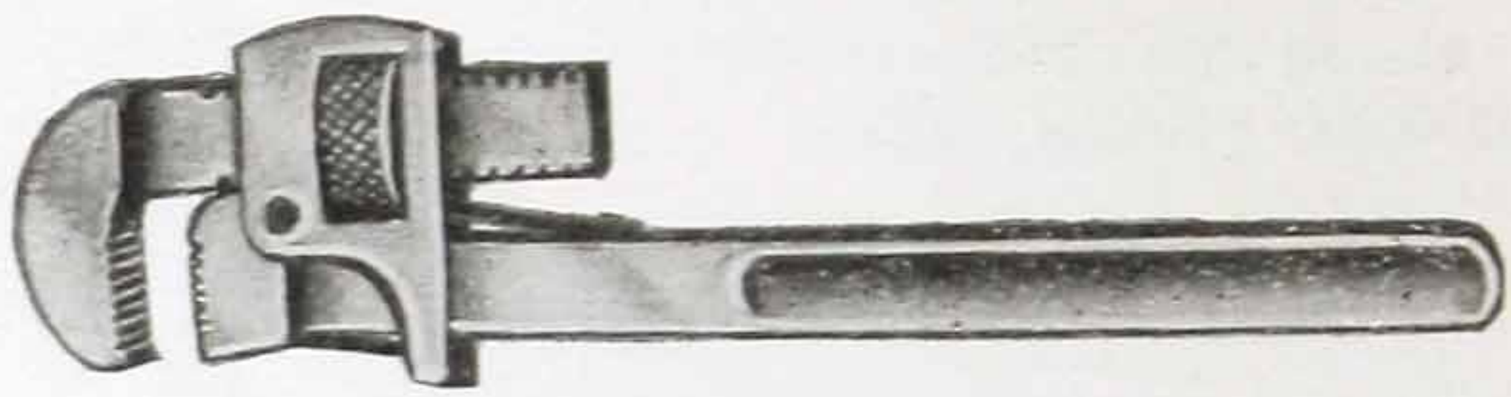
TOOLS



No. M 540. CHAIN TUBE WRENCH

Drop Forged, Flat Link Chain.
Double-ended Reversible Jaws for Pipe, etc.
All parts made of Wrought Steel and interchangeable. The Chain swings from centre, and can be used on either side of the Jaws.

Sizes	30	31	32	33	33½
Size of Pipe	⅛ to ¾	⅛ to 1½	¼ to 2½	¾ to 4	1 to 6 in.



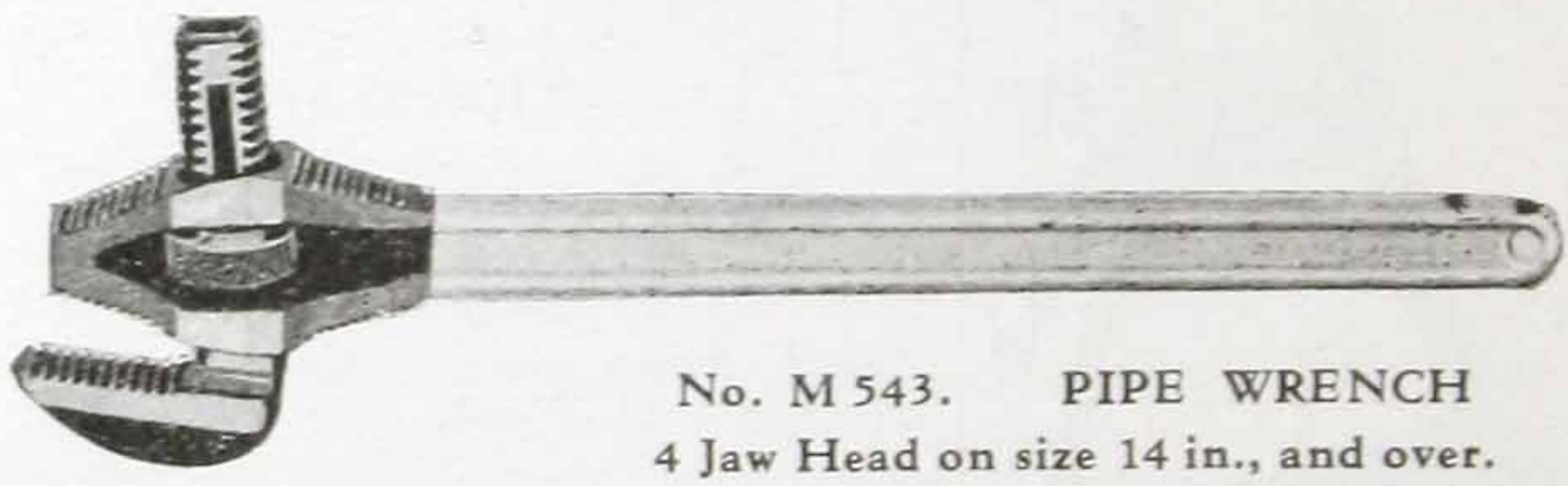
No. M 537. STILLSON TUBE WRENCH

Grips firmly—Square, Hexagon, or almost any irregular shaped piece.

STEEL HANDLE

Length open ...	8	10	14	18	24	36	48 in.
Takes Pipes ...	⅛ to ¾	⅛ to 1¼	¼ to 1¾	¼ to 2½	¼ to 3	¼ to 4	1 to 5 in.

No. M 537 A. Similar to above, foreign.



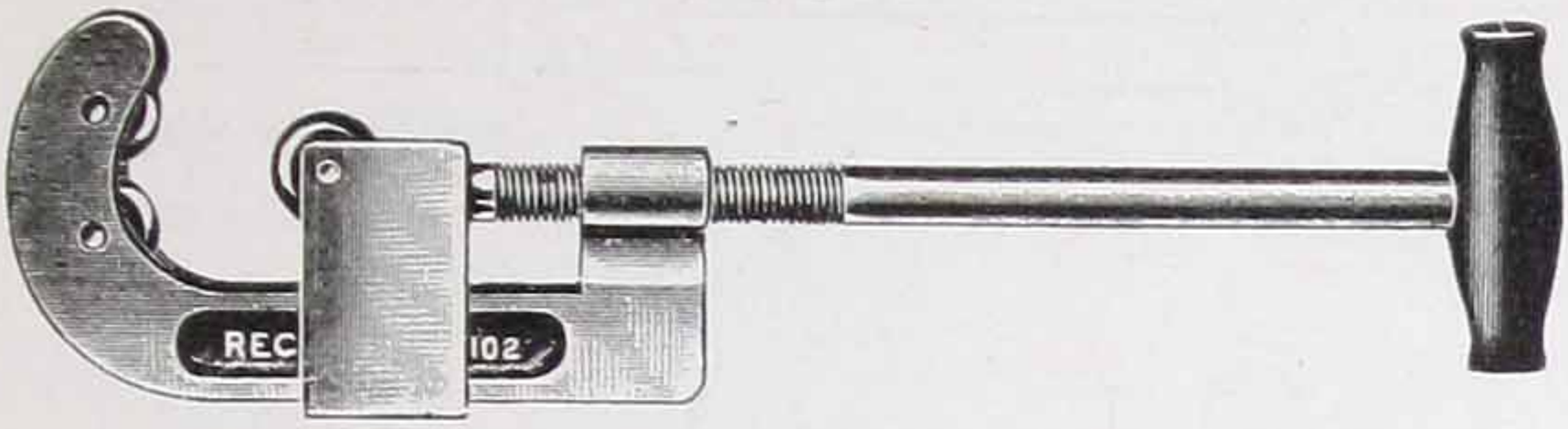
No. M 543. PIPE WRENCH

4 Jaw Head on size 14 in., and over.

The end opening jaws make it possible to slip it straight on to a pipe like a pair of pliers. No need to have space to hook this wrench around a pipe. It works in corners where other types of pipe wrenches will not go, and in open work its firm positive grip inspires confidence to the user.

Sizes	10	14	18	24 in.
Takes Pipe to	1	1½	2	2½ ,,

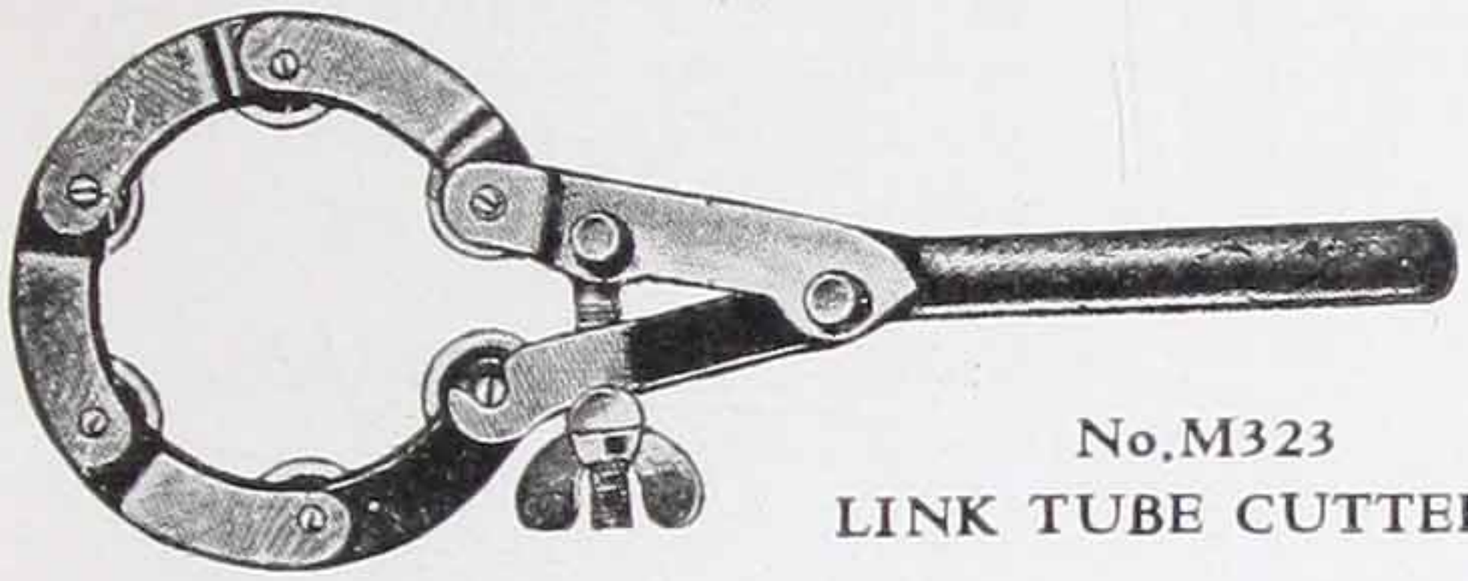
TOOLS



No. M 515. THREE WHEEL TUBE CUTTER

Will cut the tube with one-third of a revolution; specially suitable for cutting fixed tubing in difficult places.

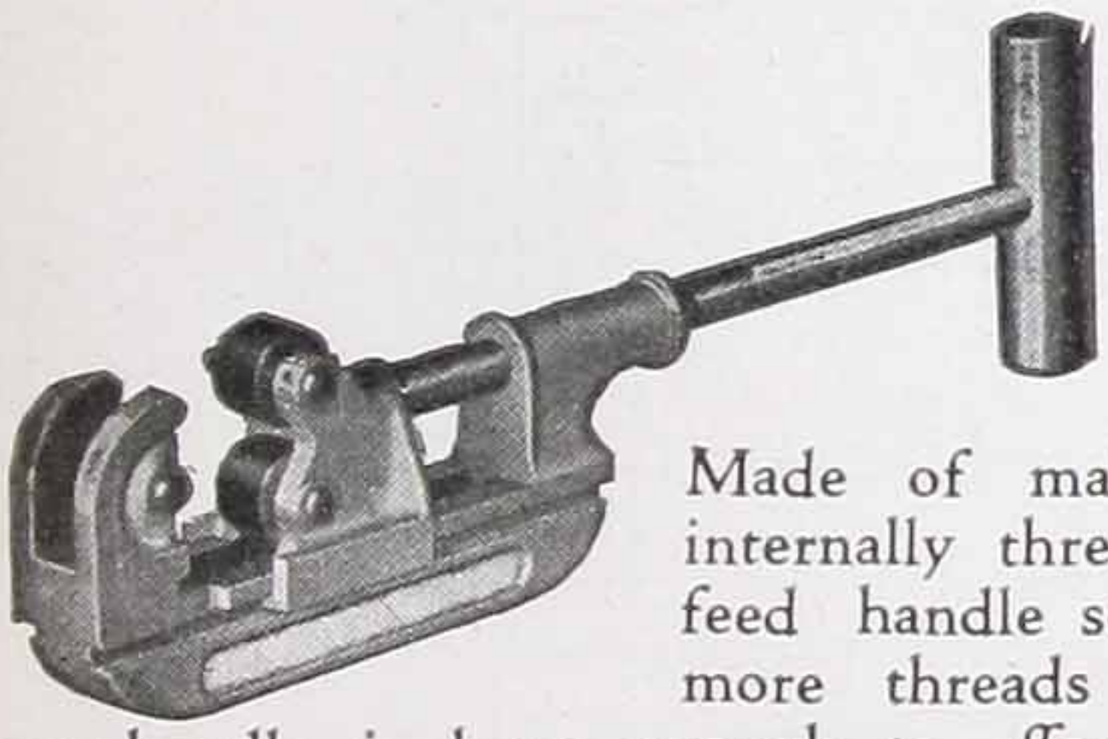
Sizes	1	2	3	4
To cut Tube ...	$\frac{1}{8}$ to 1 in.	$\frac{1}{2}$ to 2 in.	$1\frac{1}{2}$ to 3 in.	$2\frac{1}{2}$ to 4 in.



No. M323 LINK TUBE CUTTER

Sizes	A	B	C	D	E	F
No. of Wheels	5	6	7	8	9	10
To cut Tube	2 to 3 in.	2 to 4 in.	2 to 5 in.	2 to 6 in.	2 to 7 in.	2 to 8 in.

Larger sizes on Application. Extra Wheels and Pins can be supplied.



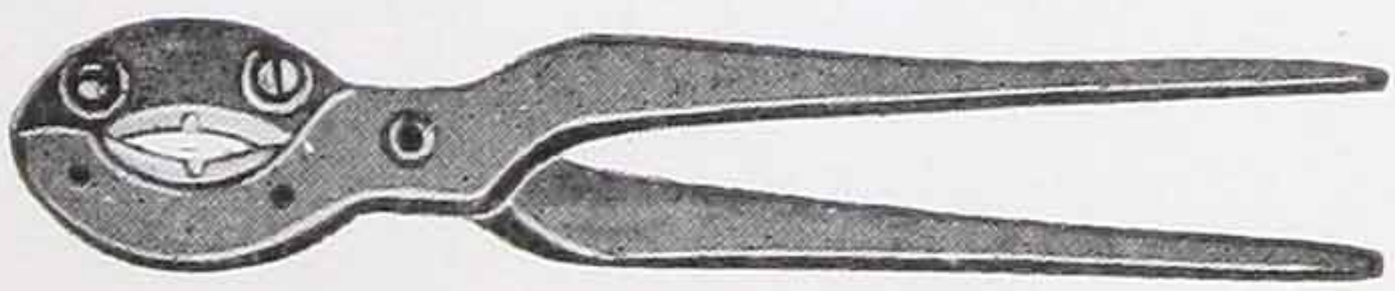
No. M 410 TUBE CUTTER

Will cut Tubes $\frac{1}{8}$ in. to 2 in. inclusive.

Made of malleable iron—extra strong. The internally threaded section through which the feed handle screws is made extra long, giving more threads for greater durability. The cross-handle is large enough to afford a comfortable grip.
The thin cutter wheel is made of a special grade of alloy steel, electrically heat-treated for durability, and makes a practically burless cut.
With One Wheel and Two Rollers.

No. M 411 LEAD PIPE CUTTER

Cuts up to 1 in. pipe.



PATENT SAFETY EXTENSION LADDERS

No. IR 3452

Every Ladder is carefully Tested before Dispatch.

TWO-SECTION LADDERS—Varnished.

Without Rope Attachment.

Ref. Letter	Size	Height Closed	Extends to
O	16 rungs	6 ft. 9 in.	11 ft. 3 in.
D	18 ,,	7 ft. 3 in.	13 ft. 0 in.
E	20 ,,	8 ft. 0 in.	14 ft. 6 in.

With Rope and Pulley Attachment.

Ref. Letter	Size	Height Closed	Extends to
F	24 rungs	9 ft. 6 in.	17 ft. 6 in.
G	28 ,,	11 ft. 0 in.	20 ft. 6 in.
H	32 ,,	12 ft. 6 in.	22 ft. 3 in.
I	36 ,,	14 ft. 0 in.	25 ft. 3 in.
J	40 ,,	16 ft. 0 in.	29 ft. 0 in.
K	48 ,,	18 ft. 0 in.	33 ft. 6 in.

THREE-SECTION LADDERS—Varnished.

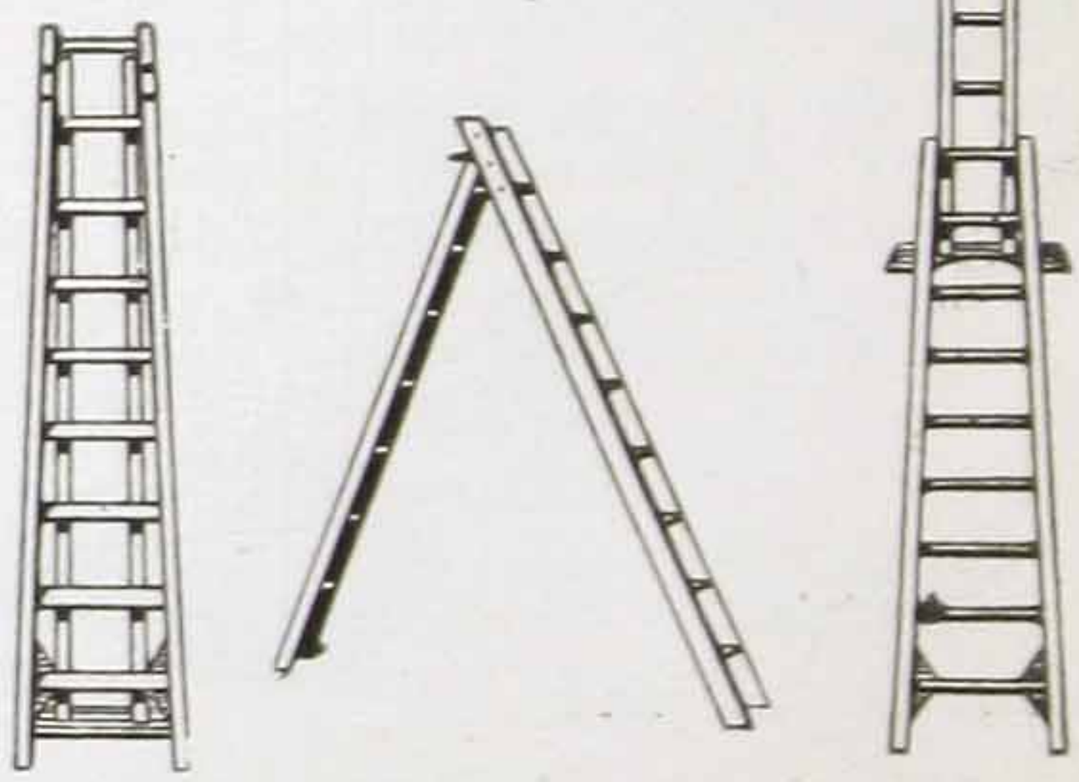
Ref. Letter	Size	Height Closed	Extends to
L	50 rungs	13 ft. 6 in.	33 ft. 6 in.
M	59 ,,	15 ft. 6 in.	40 ft. 3 in.
N	68 ,,	18 ft. 0 in.	46 ft. 3 in.

THE PATENT SAFETY COMBINED STEP AND EXTENSION LADDERS

Stained and Varnished

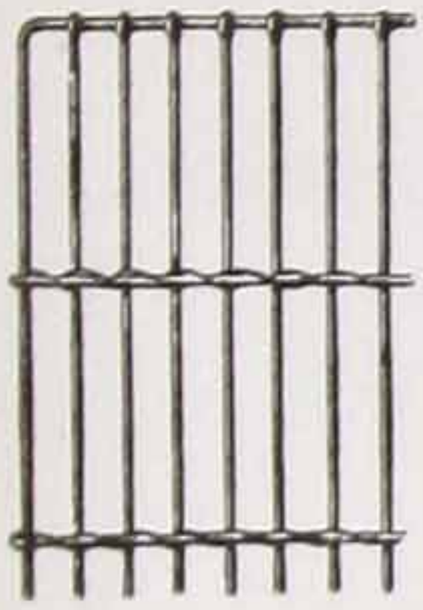
No. IR 3453

Ref. Letter	No. of Steps as Step Ladder	No. of Steps in Ladder	Height of Ladder Closed	Height of Ladder Extended
A	5	9	4 ft. 3 in.	6 ft. 6 in.
B	6	11	5 ft. 0 in.	8 ft. 3 in.
C	7	13	6 ft. 0 in.	10 ft. 0 in.
X	8	15	6 ft. 9 in.	11 ft. 6 in.
Y	9	17	7 ft. 6 in.	13 ft. 0 in.
Z	10	19	8 ft. 7 in.	15 ft. 0 in.

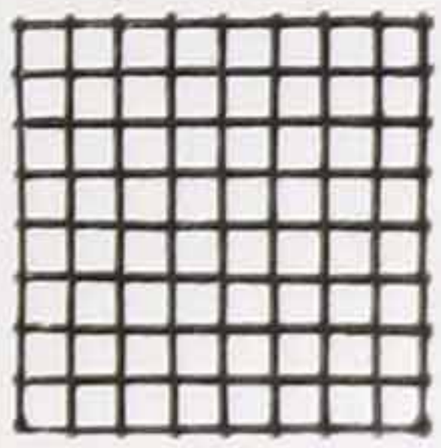


Note.—The top section of Ladder K, and all three sections of Ladders M and N, have a Steel Cable inserted in the back. This adds greatly to the rigidity of the Ladder ; for this no extra charge is made.

WIRE GUARDS
GALVANIZED



No. IR 2618
Straight Mesh
Cross (Horizontal) Wires 4 in. apart, Cross Wires and Selvage (or Frame) two gauges stronger than Vertical Wires.



No. IR 2619
Square Mesh
Frame or Selvage two gauges stronger than interior wires.

No. IR 2620
Diamond Mesh.
Frame or Selvage two gauges stronger than interior wires.

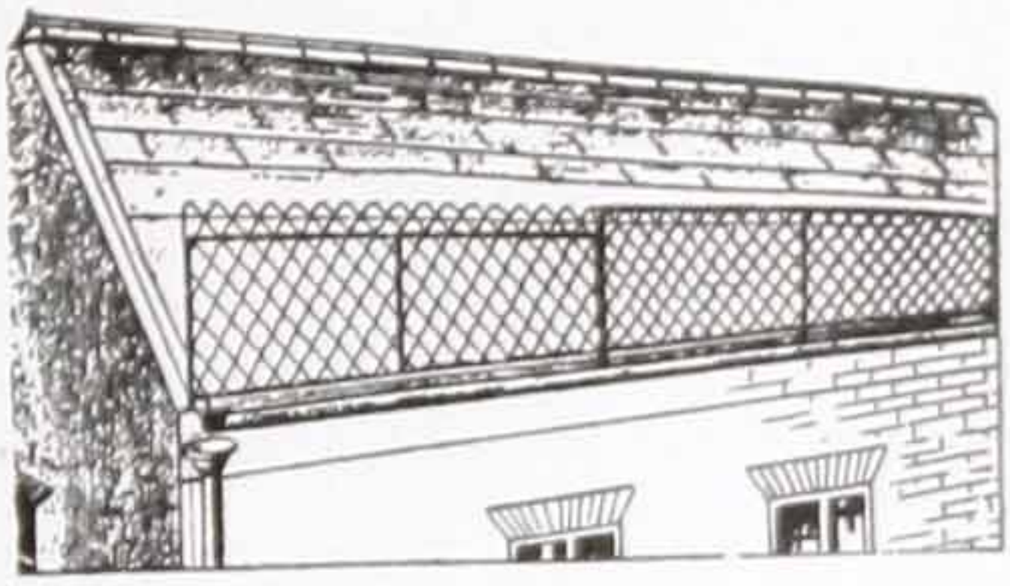
When ordering, please state which measurement is the Height.

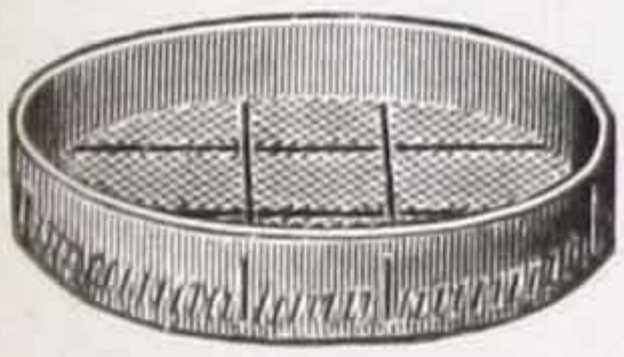
No. IR 2625.

WIRE SNOW GUARDS

Extra strong. Galvanized after made.
Prevents snow from falling from the roof on to Greenhouses and Sky lights, or breaking down Guttering, etc.

Made in 6 ft. lengths, 9 in. or 12 in. high 1 in. mesh by No. 12 Gauge Wire, ¼ in. Iron Frame.





No. IR 2769
STEEL WIRE RIDDLES
With Hardwood Rims.
Sizes : Diameter, 16, 18, 20, 22 and 24 in.
In Mesh $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$ in. and upwards.

No. IR 2770
WOVEN WIRE MESH SIEVES

With Hardwood Rims.
Steel Wire 18 in. Diameter.
8s, 10s, 12s and 16s Mesh.
Copper Wire 18 in. Diameter.
8s, 10s, 12s and 16s Mesh.

No. IR 5897
PUNCHEON WIRE MESH
in Pieces 18 × 24 in.
5 or 10 holes to Lineal Inch.
For Plasterers' Puncheon Sieves.

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B6291	364	**B6315**	46 & 47	**B6349**	92	**B6374**	74 & 75
B6292	364	**B6316**	45	**B6350**	98	**B6375**	74 & 75
B6293	364	**B6317**	10	**B6351**	99	**B6378**	125
B6294	32	**B6318**	11	**B6352**	99	**B6379**	125
B6295	33	**B6320**	156	**B6353**	99	**B6380**	125
B6296	33	**B6321**	156	**B6354**	94	**B6381**	125
B6297	37	**B6323**	14 & 15	**B6355**	118	**B6382**	125
B6298	37	**B6324**	14 & 15	**B6356**	118	**B6383**	125
B6299	34	**B6325**	10 12 & 13	**B6357**	83	**B6384**	125
B6300	36	**B6326**	10 12 & 13	**B6358**	84	**B6385**	53

Prefix BM—BUILDERS' MATERIALS DEPARTMENT

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE
BM100	244	**BM102**	244	**BM106**	252	**BM107**	252
BM101	244	**BM103**	244				

Prefix DG—DECORATIVE GLASS DEPARTMENT

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE
DG21	334	**DG33**	336	**DG477**	331	**DG489**	332
DG22	334	**DG34**	336	**DG478**	331	**DG490**	332
DG23	334	**DG35**	336	**DG479**	331	**DG491**	332
DG24	334	**DG36**	336	**DG480**	331	**DG492**	332
DG25	334	**DG37**	336	**DG481**	330	**DG493**	332
DG26	334	**DG38**	336	**DG482**	330	**DG494**	332
DG27	335	**DG39**	337	**DG483**	330	**DG495**	332
DG28	335	**DG40**	337	**DG484**	330	**DG496**	332
DG29	335	**DG41**	337	**DG486**	330	**DG497**	332
DG30	335	**DG42**	337	**DG487**	332	**DG498**	332
DG31	335	**DG476**	331	**DG488**	332	**DG499**	332
DG32	335						

NUMERICAL INDEX—*Continued*

Prefix EH—ELECTRICAL DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE
EH883	165	EH888	165	EH901	165	EH907	165
EH884	165	EH889	165	EH902	165	EH908	165
EH885	165	EH890	165	EH903	165	EH909	165
EH886	165	EH891	165	EH904	165	EH910	165
EH887	165	EH900	165	EH905	165	EH911	165

Prefix EX—EXPORT DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE
EX81	101	EX1346	103	EX1400	102	EX4071	101
EX1333	102	EX1350	103	EX1627	103	EX4074	100
EX1334	102	EX1373	102	EX1651	103	EX4075	100
EX1338	103	EX1374	102	EX4070	100	EX5003	103

Prefix F—MIRRORS DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE
F2776	67	F2794	67	F2795	67

Prefix FA—FANCY DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE
FA302	291	FA303	291

Prefix G—OIL & GAS APPLIANCES DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE
G106	205	G237	208	G289A	209	G664	208
G107	205	G238	208	G291	209	G665	208
G152	207	G246	205	G291A	209	G666	208
G154	207	G247	205	G292	209	G756	211
G171	205	G248	205	G392	208	G757	211
G175	205	G249	205	G293	208	G817	210
G179	205	G250	205	G355	208	G1006	208
G193	205	G251	205	G393	210	G1007	208
G197	205	G258A	209	G393A	210	G1023	207
G198	205	G259	209	G394	210	G1024	207
G211	206	G260	209	G409	210	G1092	207
G212	206	G262	209	G413	210	G1095	207
G215F	207	G263	209	G420	210	G1096	207
G216M	207	G267	209	G601	214	G1097	207
G221	208	G272	207	G646	211	G1112	206
G224	208	G274A	205	G647	211	G1113	206
G225	208	G274	205	G648	211	G1127	210
G226	208	G276	206	G649	211	G1127A	210
G233	206	G279	206	G660	208	G7503	214
G234	208	G282	207	G661	208	G5806A	211
G234A	208	G287	208	G662	208	G5808A	211
G237A	208	G289	209	G663	208	G5891	231

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Prefix G—OIL & GAS APPLIANCES DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE
G5892	231	G6977	192	G6992	193	G6996	193
G5895	231	G6978	192	G6993	193	G6997	193
G5896	231	G6983	193	G6994	193	G6999	196
G6960	196	G6986	193	G6995	193	G7503	214
G6963	196	G6987	193				

Prefix GL—GLASS DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE
GL75	322	GL128	320	GL217	358	GL308	315
GL77	322	GL151	324 & 325	GL221	358	GL309	315
GL78	322	GL152	324 & 325	GL222	358	GL310	315
GL79	322	GL153	324 & 325	GL223	358	GL311	314
GL89	319	GL154	324 & 325	GL224	358	GL312	314
GL90	321	GL155	324 & 325	GL300	320	GL313	314
GL93	320	GL156	324 & 325	GL301	319	GL314	316
GL103	318	GL158	324 & 325	GL302	319	GL315	316
GL104	316	GL159	324 & 325	GL303	317	GL316	316
GL105	318	GL161	324 & 325	GL304	317	GL317	317
GL115	317	GL170	323	GL305	318	GL318	321
GL123	319	GL171	324 & 325	GL306	318	GL319	320
GL124	321	GL172	323	GL307	315		
GL125	321	GL190	323				

Prefix H—HORTICULTURAL DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE
H67	292	H1028	249	H1043	250	H1094	252
H1000	362	H1029	249	H1056	252	H1095	252
H1001	362	H1030	249	H1057	252	H1096	252
H1003	362	H1031	249	H1074	251	H1107	250
H1004	362	H1033M	250	H1075	251	H1108	250
H1012	250	H1035	251	H1082	252	H1109	247
H1014	248	H1036	251	H1083	251	H1110	246
H1018	248	H1039	252	H1084	251	H1150	255
H1019	248	H1040	252	H1086	251	H3392	292
H1026	248	H1042	250	H1093	252	H3395	292
H1027	249						

Prefix IR—IRONMONGERY DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE
IR2091	242	IR2619	399	IR2770	399	IR3453	398
IR2267	242	IR2620	399	IR2799	228	IR5897	399
IR2268	242	IR2625	399	IR2837	353	IR5900	343
IR2618	399	IR2769	399	IR3452	398		

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Prefix L—FELTS & CISTERNS DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE
L301	230	L309	230	L381	253	L392	253
L302	230	L310	230	L383	253	L395	253
L303	230	L354	270	L384	253	L396	253
L304	230	L356	270	L387	253	L397	253
L305	230	L357	270	L389	253	L398	253
L307	230	L380	253	L390	253	L399	253
L308	230						

Prefix M—MACHINERY & TOOLS DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE
M8C	375	M570	377	M1369	371	M1443	366
M17	382	M571	377	M1380	373	M1450	366
M23	382	M572	377	M1382	373	M1456	366
M27	382	M589	381	M1383	373	M1460	366
M28	382	M964	374	M1389	367	M1463	366
M186	394	M965	374	M1395	372	M1465	376
M197A	369	M1112A	375	M1397A	367	M1511A	392
M202	357 & 378	M1112B	375	M1397B	367	M1518	375
M210	382	M1113	375	M1398	373	M1530	392
M245	373	M1190	378	M1401	371	M1531	392
M252	368	M1192	381	M1401A	371	M1594	370
M271	381	M1194	369	M1403	371	M1595	370
M276	374	M1198	369	M1404	371	M1629	394
M280	374	M1206	383	M1405	371	M1637	379
M323	397	M1222	378	M1407	372	M1638	379
M383	274	M1224	377	M1408	372	M1639	379
M384	395	M1226	358	M1409	372	M1642	379
M385	395	M1229	368	M1410	372	M1648	377
M386	395	M1232	373	M1411	372	M1648A	377
M392	369	M1237	373	M1412A	376	M1686A	387
M393	377	M1271	384	M1412B	376	M1686B	387
M397	378	M1274	383	M1413A	376	M1693	367
M398	378	M1292	393	M1413B	376	M1695	367
M399	274	M1295	394	M1414A	376	M1700A	370
M401	378	M1296	395	M1414B	376	M1710A	371
M402A	375	M1300	377	M1415	358	M1773	368
M403	375	M1310	375	M1416	376	M1792	366
M410	397	M1311	375	M1417A	376	M1793	366
M411	397	M1321	379	M1417C	376	M1915	385
M413	368	M1322	379	M1418B	376	M1916	381
M515	397	M1350	367	M1419	387	M1917	393
M526	395	M1352	370	M1421A	376	M1918	393
M532	368	M1357	370	M1433	366	M1919	393
M533	368	M1357A	370	M1435	366	M1920	380
M537	396	M1358	370	M1436	366	M1921	380
M537A	396	M1359	370	M1441	366	M1922	380
M540	396	M1364	370	M1442	366		
M543	396						

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Prefix P—PAINT DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE
P155	360	**P387**	355	**P617**	342	**P730**	341
P300	354	**P407**	355	**P618**	342	**P860**	346
P307	354	**P411**	355	**P632**	342	**P861**	343
P310	354	**P413**	355	**P633**	342	**P875**	360
P326	354	**P441**	357	**P634**	342	**P876**	360
P328	354	**P450**	357	**P635**	342	**P881**	360
P336	354	**P492**	357	**P636**	342	**P882**	360
P340	354	**P496**	357	**P637**	342	**P885**	361
P342	354	**P500**	357	**P638**	342	**P886**	361
P354	354	**P536**	353	**P640**	342	**P891**	361
P374	355	**P556**	353	**P641**	342	**P905**	361
P377	355	**P568**	353	**P643**	342	**P931**	61
P379	355	**P570**	353	**P645**	342	**P932**	343
P381	355	**P579**	339	**P650**	342	**P933**	61
P383	355	**P580**	339	**P710**	341	**P934**	61
P385	355	**P581**	339	**P711**	341	**P935**	61

Prefix R—RANGE DEPT.

FIG. NO.	PAGE
R100	362

Prefix R—RAINWATER DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE
R83	258 & 259	**R116**	258 & 259	**R172**	261	**R212**	262
R84	258 & 259	**R117**	258 & 259	**R173**	261	**R213**	262
R85	258 & 259	**R118**	258 & 259	**R174**	261	**R215**	262
R86	258 & 259	**R119**	258 & 259	**R175**	261	**R216**	262
R87	258 & 259	**R120**	258 & 259	**R176**	261	**R217**	262
R88	258 & 259	**R121**	258 & 259	**R177**	261	**R218**	262
R89	258 & 259	**R122**	258 & 259	**R178**	261	**R225**	263
R90	258 & 259	**R123**	258 & 259	**R179**	261	**R235**	263
R91	258 & 259	**R127**	260	**R180/1**	261	**R236**	263
R92	258 & 259	**R128**	260	**R182**	261	**R237**	263
R93	258 & 259	**R129**	260	**R184**	261	**R238**	263
R94	258 & 259	**R130**	260	**R185**	261	**R243**	263
R95	258 & 259	**R132**	260	**R186**	261	**R244**	263
R96	258 & 259	**R133**	260	**R187**	261	**R245**	263
R97	258 & 259	**R134**	260	**R190**	261	**R250**	263
R98	258 & 259	**R135**	260	**R191**	261	**R251**	263
R99	258 & 259	**R136**	260	**R192**	261	**R252**	263
R100	258 & 259	**R137**	260	**R193**	261	**R253**	263
R101	258 & 259	**R141**	258 & 259	**R195**	261	**R254**	263
R102	258 & 259	**R142**	258 & 259	**R196**	261	**R255**	263
R104	258 & 259	**R143**	258 & 259	**R197**	261	**R256**	263
R105	258 & 259	**R144**	258 & 259	**R200**	262	**R257**	263
R106	258 & 259	**R145**	258 & 259	**R201**	262	**R258**	263
R107	258 & 259	**R146**	258 & 259	**R202**	262	**R259**	263
R108	258 & 259	**R147**	258 & 259	**R203**	262	**R260**	263
R109	258 & 259	**R148**	258 & 259	**R204**	262	**R308**	268 & 269
R110	258 & 259	**R149**	258 & 259	**R205**	262	**R309**	268 & 269
R112	258 & 259	**R149A**	258 & 259	**R206**	262	**R310**	268 & 269
R113	258 & 259	**R149B**	258 & 259	**R207**	262	**R314**	268 & 269
R114	258 & 259	**R170**	261	**R208/9**	262	**R315**	268 & 269
R115	258 & 259	**R171**	261	**R210/1**	262	**R317**	268 & 269

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Prefix R—RAINWATER DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAG
R318	268 & 269	R341	268 & 269	R678	266	R780	26
R319	268 & 267	R342	268 & 269	R759	266	R781	26
R320	268 & 267	R356	268 & 269	R760	266	R782	26
R321	268 & 269	R357	268 & 269	R761	266	R783	26
R322	268 & 269	R358	268 & 269	R762	266	R810	264 & 26
R323	268 & 269	R359	268 & 269	R763	266	R813	264 & 26
R324	268 & 269	R360	268 & 269	R764	266	R830	264 & 26
R325	268 & 269	R435	267	R769	266	R832	264 & 26
R329	268 & 269	R436	267	R770	266	R833	264 & 26
R330	268 & 269	R437	267	R771	266	R834	264 & 26
R331	268 & 269	R439	267	R773	266	R835	264 & 26
R335	268 & 269	R447	241	R775	266	R837	264 & 26
R336	268 & 269	R615	264 & 265	R778	266	R925	25
R339	268 & 269	R652	264 & 265	R779	266	R926	25
R340	268 & 269	R656	264 & 265				

Prefix RW—RAINWATER DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAG
RW60	197	RW130	197	RW241	197	RW340	19
RW90	197	RW180	197	RW246	197	RW827	19
RW92	197	RW221	197	RW260	197	RW828	19
RW96	197	RW223	197	RW270	197	RW860	19
RW120	197						

Prefix SF—SHOP FITTINGS DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAG
SF310	216	SF336	219	SF435	218	SF751	21
SF311	217	SF337	219	SF722	218	SF752	22
SF312	217	SF339	219	SF723	218	SF753	22
SF314	216	SF340	219	SF741	216	SF754	21
SF315	216	SF341	219	SF742	218	SF755	21
SF317	216	SF342	219	SF743	218	SF756	21
SF318	216	SF343	219	SF744	218	SF757	21
SF319	217	SF344	219	SF745	218	SF758	21
SF320	217	SF348	217	SF750	217	SF1000	21
SF331	218	SF354	218			SF1001	21

Prefix V—VENTS & LAMPS DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAGE	FIG. NO.	PAG
V9	333	V1000	240	V1039	243	V1057	24
V913	333	V1003	240	V1041	243	V1060	24
V920	333	V1015	243	V1044	242	V1064	24
V931	333	V1016	243	V1045	242	V1100	23
V940	333	V1024	241	V1046	242	V1101	23
V954	333	V1025	241	V1049	242	V1103	23
V970	333	V1029	241	V1052	242	V1104	23
V987	333	V1030	241	V1053	243	V1122	24
V999	240	V1031	241				

Prefix WP—WALLPAPER DEPT.

FIG. NO.	PAGE	FIG. NO.	PAGE
WP540	353	WP541	353

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